

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088716.D
 Acq On : 5 Jul 2016 21:39
 Operator : UM/SJ
 Sample : H3837-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Manual Integrations
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 7/6/2016 7:19:28 PM

Quant Time: Jul 06 02:10:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	104954	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	410314	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	195893	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	384425	20.00	ng	0.00
75) Chrysene-d12	13.91	240	257256	20.00	ng	-0.01
86) Perylene-d12	15.29	264	195141	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	765518	109.31	ng	0.01
7) Phenol-d6	6.41	99	977725	108.05	ng	0.00
23) Nitrobenzene-d5	7.34	82	613624	78.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	218653	120.20	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1154416	93.09	ng	0.00
78) Terphenyl-d14	12.87	244	868681	75.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	80511	23.19	ng	# 31
3) Pyridine	3.07	79	53198	5.28	ng	95
4) n-Nitrosodimethylamine	3.00	42	64444	16.74	ng	91
6) Aniline	6.43	93	125330	9.50	ng	# 75
8) 2-Chlorophenol	6.56	128	168799	22.43	ng	95
9) Benzaldehyde	6.32	77	112954	18.43	ng	98
10) Phenol	6.42	94	143094	13.86	ng	# 40
11) bis(2-Chloroethyl)ether	6.51	93	155388	20.18	ng	91
12) 1,3-Dichlorobenzene	6.72	146	157253m	18.99	ng	
13) 1,4-Dichlorobenzene	6.79	146	158270	19.25	ng	94
14) 1,2-Dichlorobenzene	6.95	146	165008m	21.44	ng	
15) Benzyl Alcohol	6.91	79	142187	21.35	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	199433	17.88	ng	90
17) 2-Methylphenol	7.04	107	139051	22.65	ng	98
18) Hexachloroethane	7.29	117	65459	20.59	ng	94
19) n-Nitroso-di-n-propylamine	7.19	70	119628	19.68	ng	94
20) 3+4-Methylphenols	7.19	107	166226	22.56	ng	# 81
22) Acetophenone	7.19	105	232616	23.36	ng	# 89
24) Nitrobenzene	7.36	77	197036	24.96	ng	90
25) Isophorone	7.60	82	339307	23.39	ng	97
26) 2-Nitrophenol	7.68	139	85013	26.26	ng	# 78
27) 2,4-Dimethylphenol	7.71	122	125608	18.63	ng	# 86
28) bis(2-Chloroethoxy)methane	7.82	93	224196	23.75	ng	# 96
29) 2,4-Dichlorophenol	7.92	162	138962	25.50	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	131976	22.07	ng	98
31) Naphthalene	8.08	128	460094	22.75	ng	99
33) 4-Chloroaniline	8.12	127	109615	12.18	ng	94
34) Hexachlorobutadiene	8.20	225	75882	23.70	ng	98
35) Caprolactam	8.48	113	37275m	20.14	ng	
36) 4-Chloro-3-methylphenol	8.62	107	155587	24.15	ng	96
37) 2-Methylnaphthalene	8.78	142	306930	23.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	125440	19.25	ng	# 1
40) Hexachlorocyclopentadiene	8.92	237	162497	50.81	ng	99
42) 2,4,6-Trichlorophenol	9.05	196	106747	24.85	ng	98

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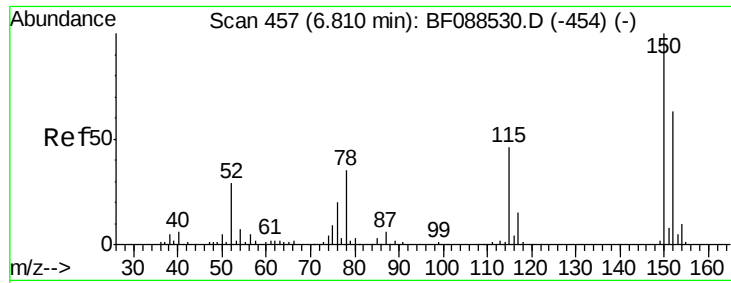
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	87392	23.64	nq	# 88
45) 1,1'-Biphenyl	9.23	154	377216	23.25	nq	99
46) 2-Chloronaphthalene	9.26	162	292875	23.00	nq	99
47) 2-Nitroaniline	9.35	65	91010	20.14	nq	96
48) Acenaphthylene	9.67	152	459026	22.65	nq	99
49) Dimethylphthalate	9.54	163	647160	46.37	nq	99
50) 2,6-Dinitrotoluene	9.60	165	80779	26.12	nq	96
51) Acenaphthene	9.84	154	280813	22.61	nq	98
52) 3-Nitroaniline	9.76	138	73858	18.78	nq	100
53) 2,4-Dinitrophenol	9.86	184	20108	14.72	nq	94
54) Dibenzofuran	10.01	168	399527	24.58	nq	# 88
55) 4-Nitrophenol	9.93	139	190243	63.67	nq	# 84
56) 2,4-Dinitrotoluene	10.00	165	107016	26.46	nq	95
57) Fluorene	10.35	166	320899	25.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	68302	23.89	nq	# 53
59) Diethylphthalate	10.24	149	383406	27.37	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	147265	25.30	nq	91
61) 4-Nitroaniline	10.36	138	69089	18.26	nq	83
62) Azobenzene	10.51	77	401122	25.11	nq	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	21573	10.49	nq	94
65) n-Nitrosodiphenylamine	10.47	169	286153	21.99	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	82556	21.31	nq	# 75
67) Hexachlorobenzene	10.90	284	99489	23.20	nq	# 84
68) Atrazine	10.99	200	80712	19.91	nq	92
69) Pentachlorophenol	11.10	266	94603	37.28	nq	98
70) Phenanthrene	11.31	178	487469	23.20	nq	98
71) Anthracene	11.36	178	461745	22.10	nq	99
72) Carbazole	11.52	167	426531	21.69	nq	97
73) Di-n-butylphthalate	11.85	149	510697	22.32	nq	99
74) Fluoranthene	12.49	202	489639	22.98	nq	98
76) Benzidine	12.62	184	76160	5.86	nq	98
77) Pyrene	12.72	202	485581	22.26	nq	98
79) Butylbenzylphthalate	13.35	149	215505	22.15	nq	98
80) Benzo(a)anthracene	13.90	228	368851	22.27	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	84471	13.56	nq	# 94
82) Chrysene	13.93	228	329757	20.12	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	304487	27.41	nq	# 99
84) Di-n-octyl phthalate	14.51	149	417127	22.10	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.63	276	274672	21.78	nq	# 100
87) Benzo(b)fluoranthene	14.90	252	264826m	21.63	nq	
88) Benzo(k)fluoranthene	14.94	252	280147m	26.29	nq	
89) Benzo(a)pyrene	15.23	252	244662	23.61	nq	99
90) Dibenzo(a,h)anthracene	16.64	278	228297	26.38	nq	97
91) Benzo(g,h,i)perylene	17.02	276	233987	26.13	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

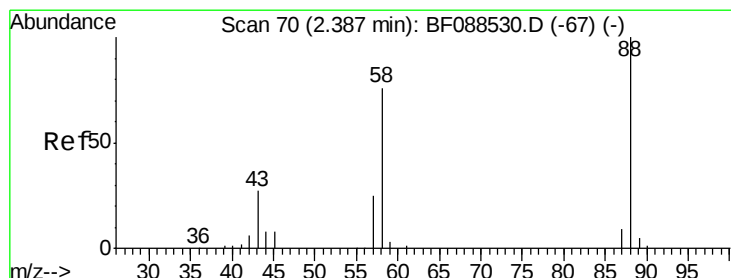
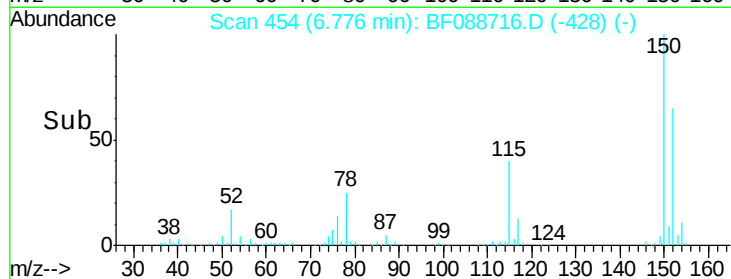
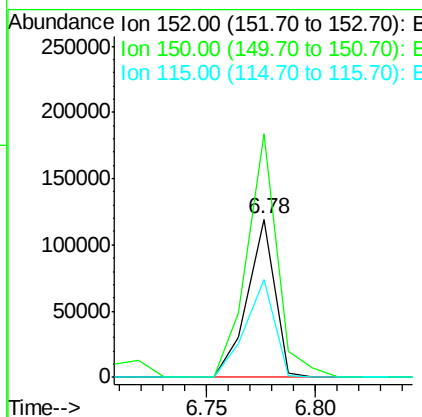
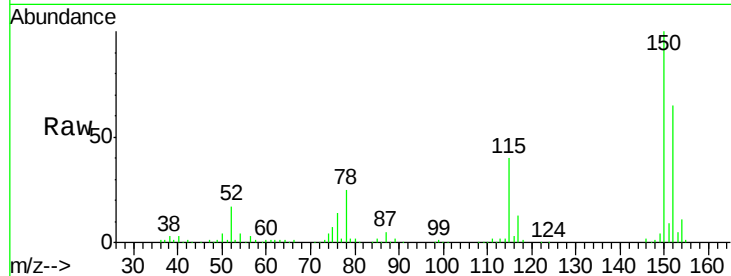
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.8	185.6
115	61.8	39.6	59.4

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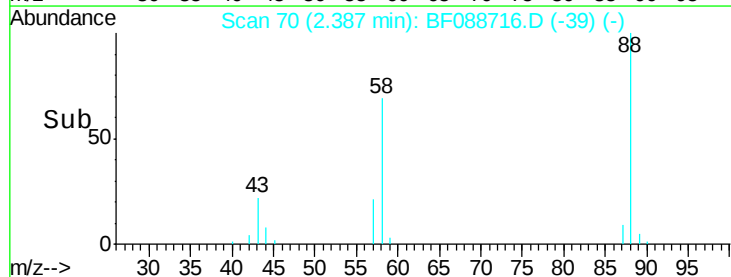
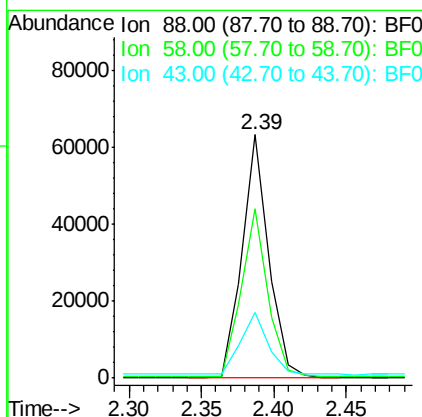
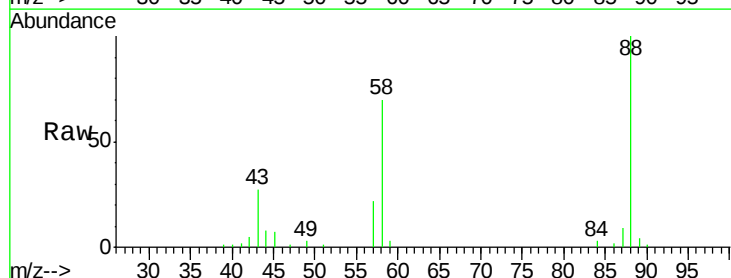
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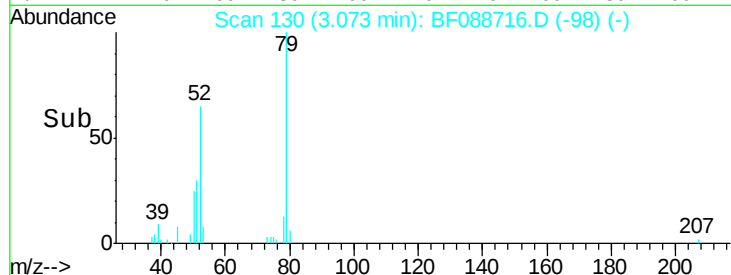
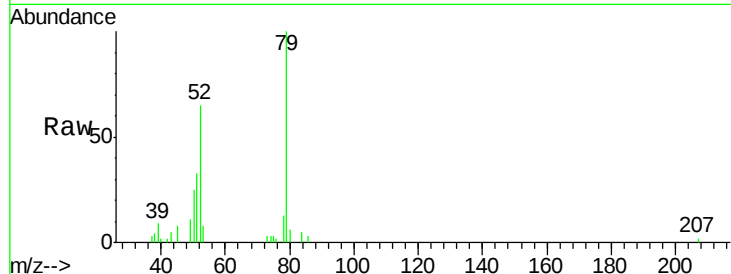
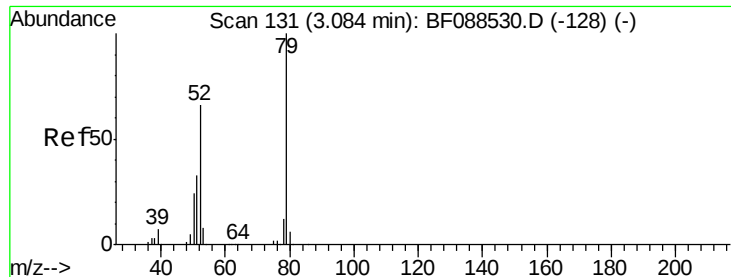


#2

1,4-Dioxane
Concen: 23.19 ng
RT: 2.39 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	0.0	0.0
43	26.9	3.4	5.2





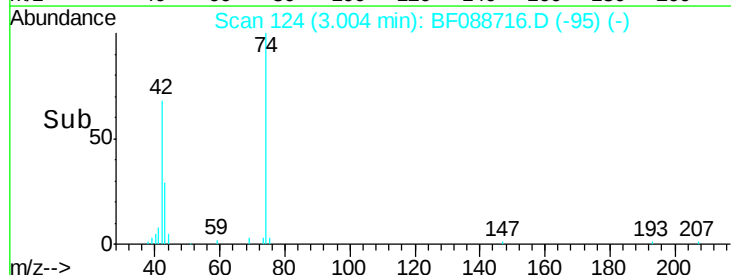
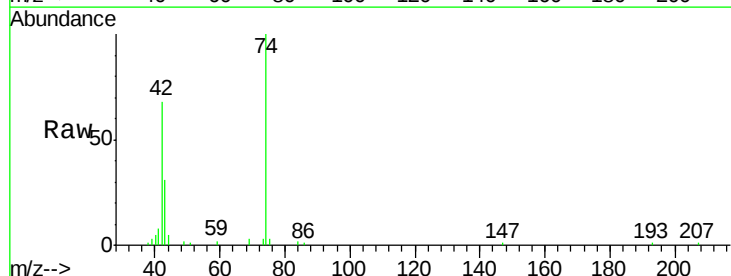
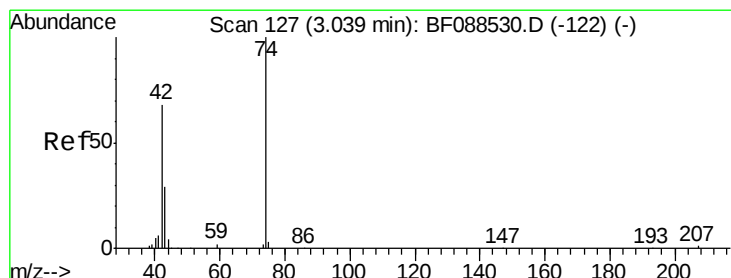
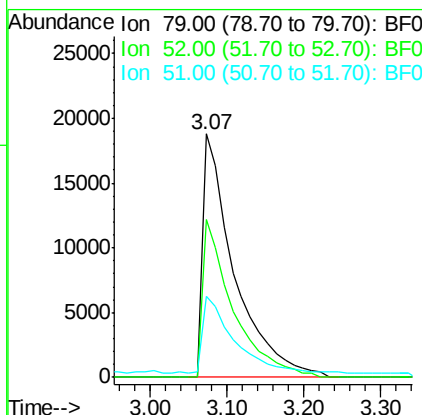
#3
Pvridine
Concen: 5.28 ng
RT: 3.07 min Scan# 130
Delta R.T. 0.07 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.8	56.3	84.5
51	33.3	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

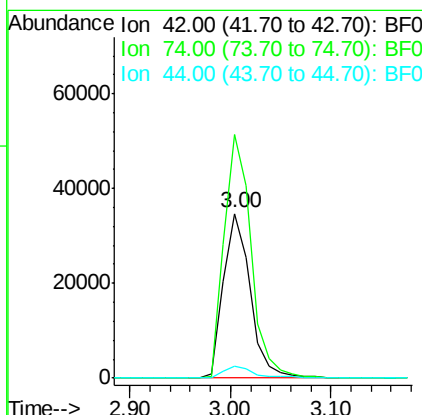
Manual Integrations
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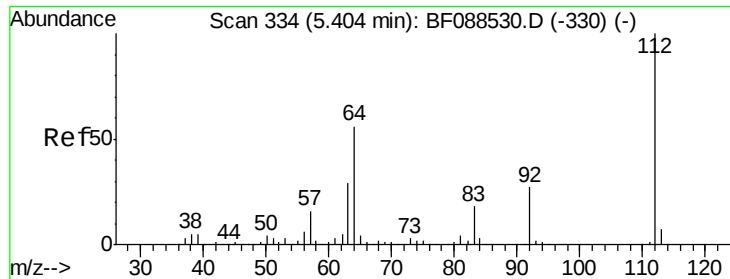
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#4
n-Nitrosodimethylamine
Concen: 16.74 ng
RT: 3.00 min Scan# 124
Delta R.T. 0.03 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.7	108.6	163.0
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 109.31 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

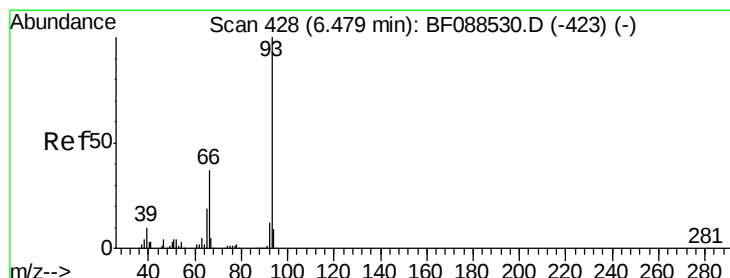
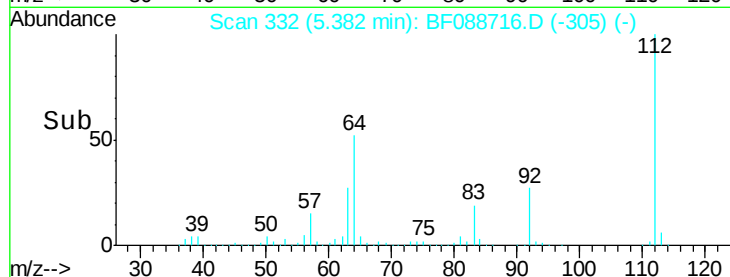
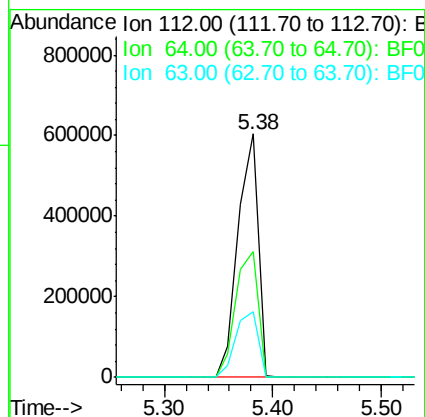
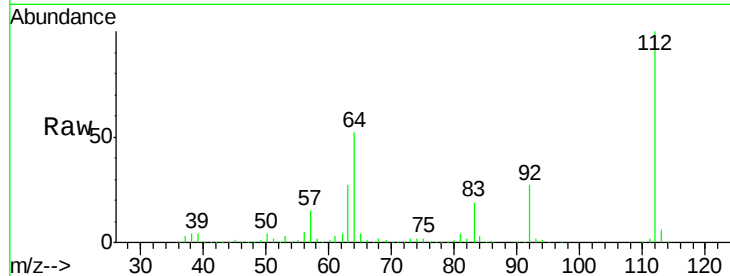
ClientSampled :

C1.2-6MS

Tot Ion:	112	Resp:	765518
Ion Ratio	Lower	Upper	
112	100		
64	51.8	42.2	63.2
63	27.1	21.8	32.8

Manual Integrations
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#6

Aniline

Concen: 9.50 ng

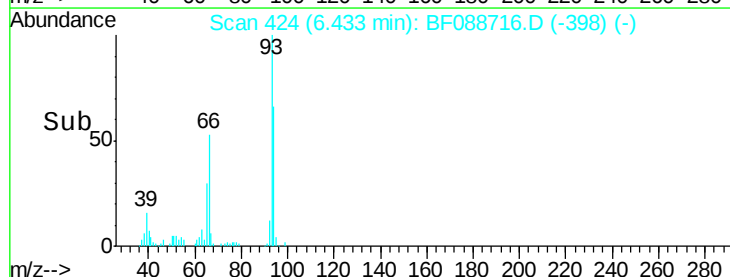
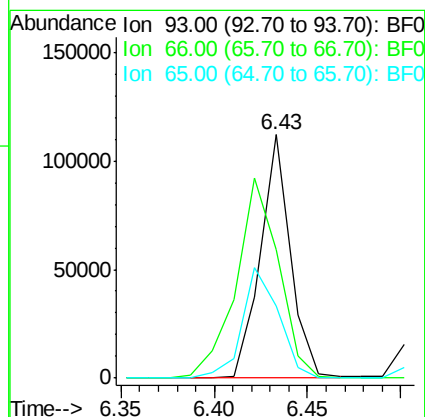
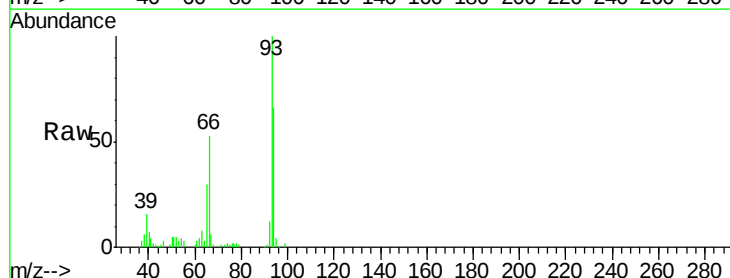
RT: 6.43 min Scan# 424

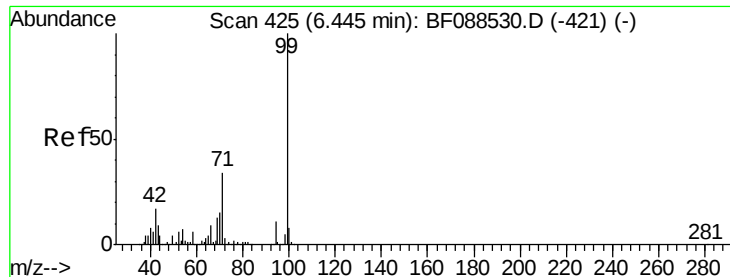
Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Tgt Ion:	93	Resp:	125330
Ion Ratio	Lower	Upper	
93	100		
66	52.8	29.8	44.8#
65	29.5	14.9	22.3#





#7

Phenol-d6

Concen: 108.05 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tot Ion: 99 Resp: 977725

Ion Ratio Lower Upper

99 100

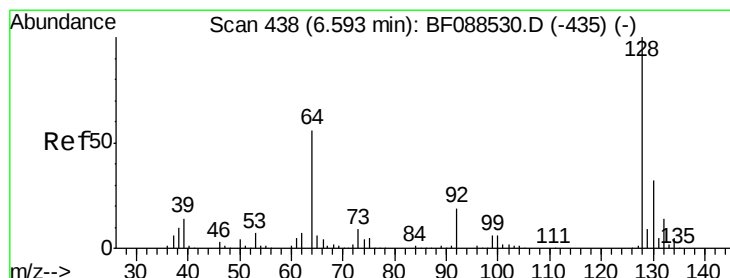
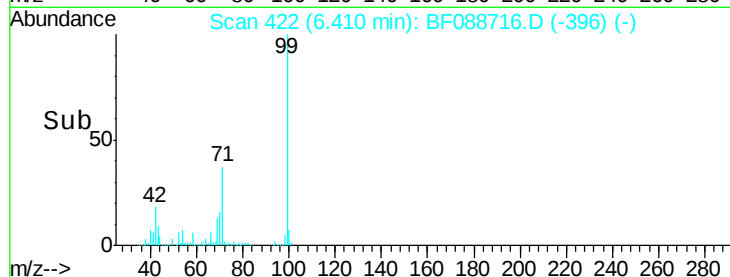
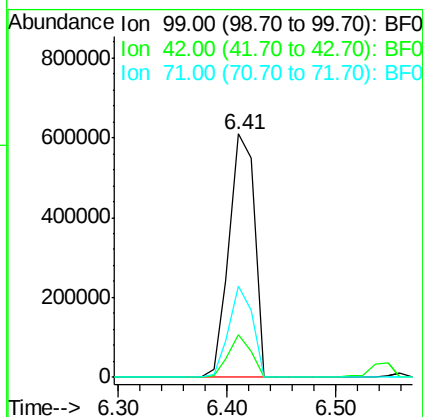
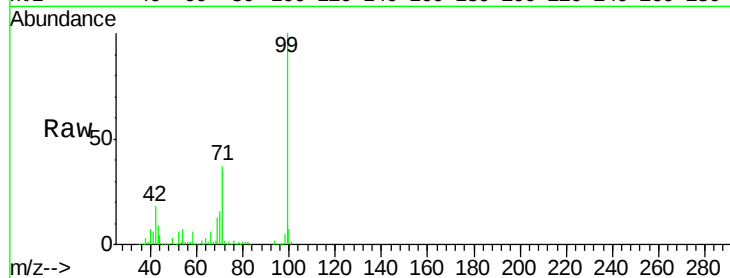
42 17.7 12.2 18.2

71 37.4 23.4 35.0#

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#8

2-Chlorophenol

Concen: 22.43 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

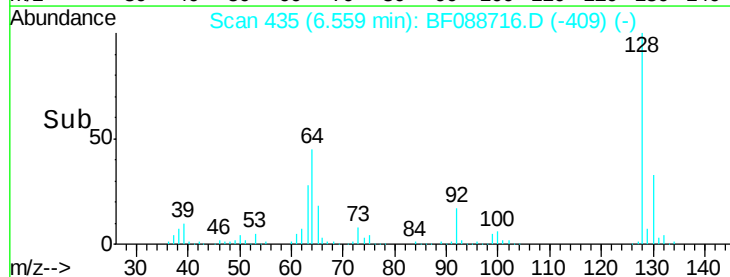
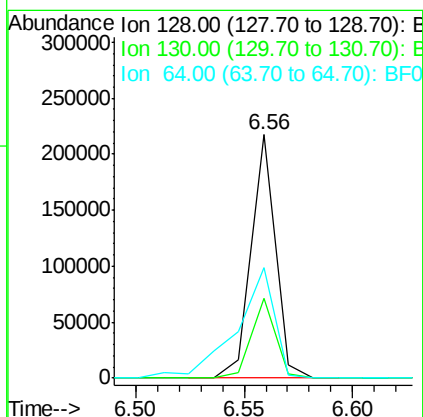
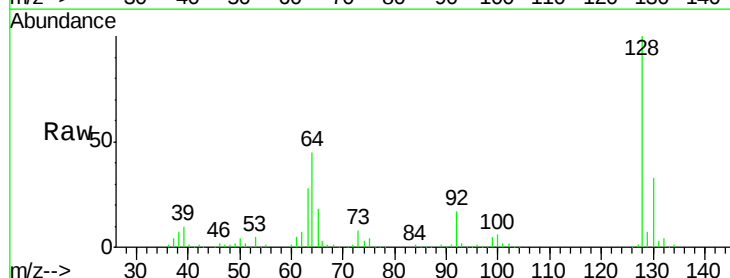
Tgt Ion:128 Resp: 168799

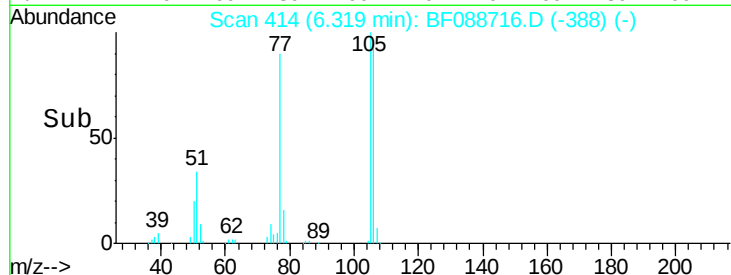
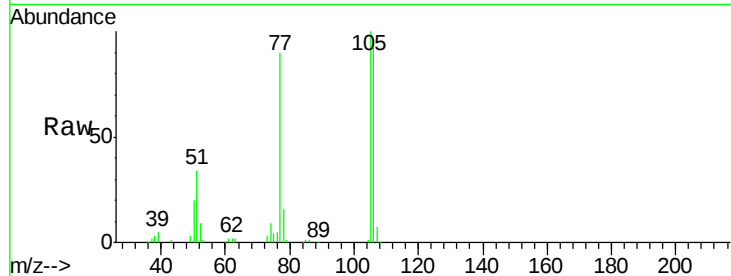
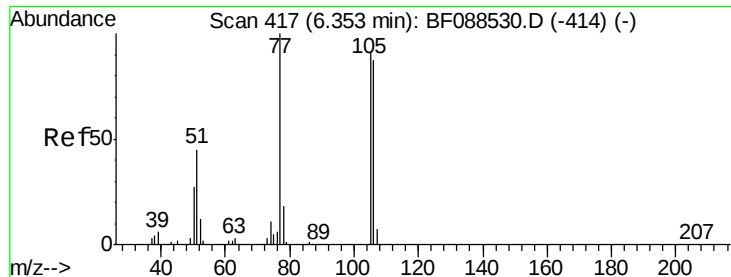
Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

64 45.3 30.8 70.8





#9

Benzaldehyde

Concen: 18.43 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088716.D

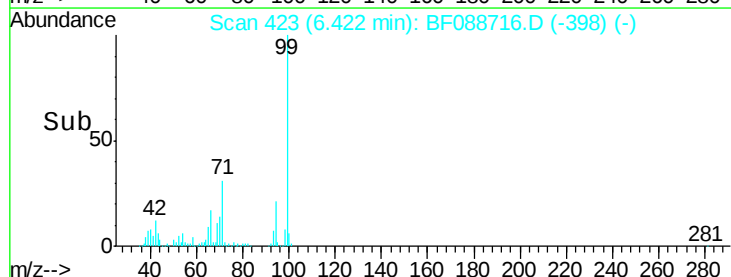
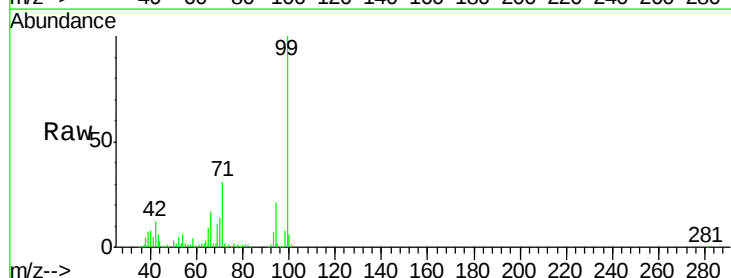
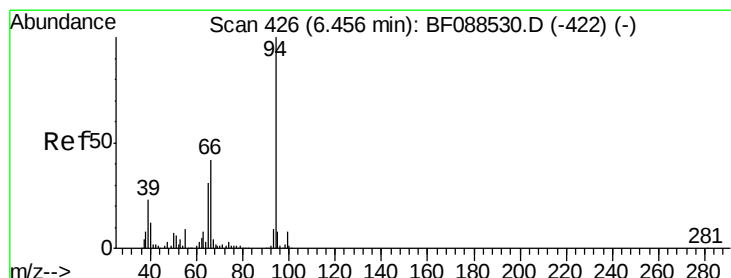
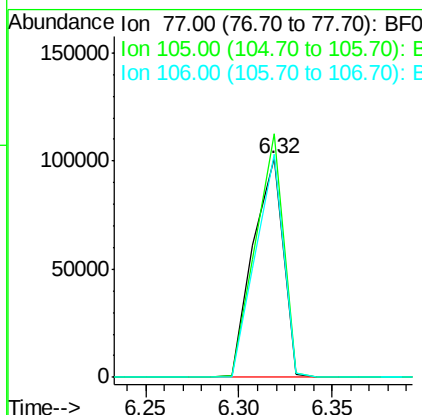
Acq: 5 Jul 2016 21:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	111.3	90.6	130.6		
106	102.0	85.3	125.3		

Instrument :
BNA_F
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C1.2-6MS

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#10

Phenol

Concen: 13.86 ng

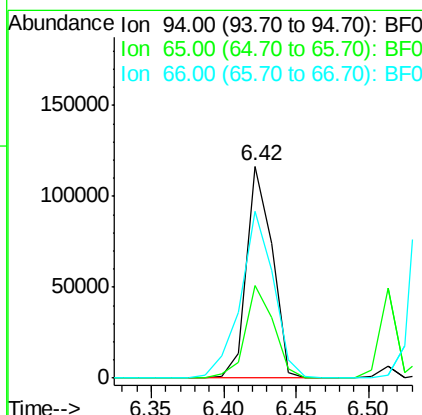
RT: 6.42 min Scan# 423

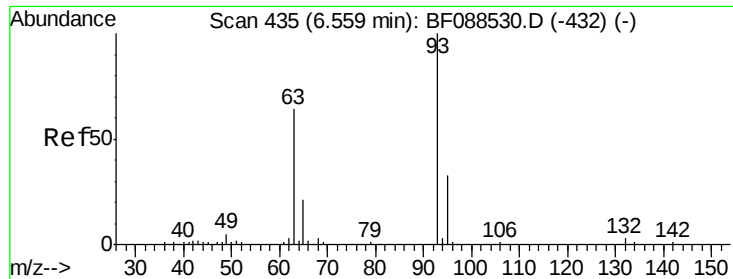
Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	43.6	5.9	45.9		
66	78.9	14.0	54.0		





#11

bis(2-Chloroethyl)ether

Concen: 20.18 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

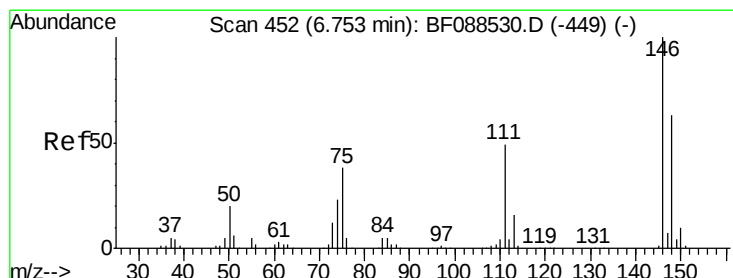
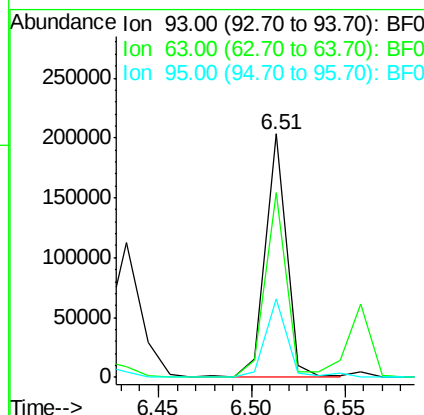
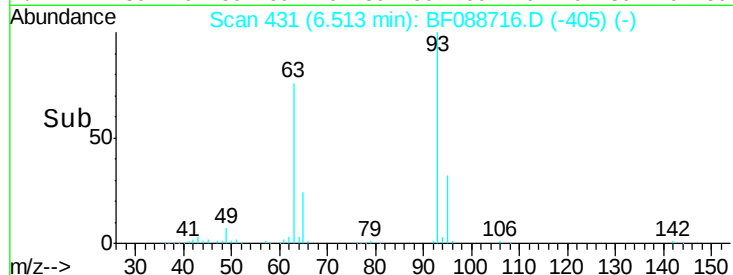
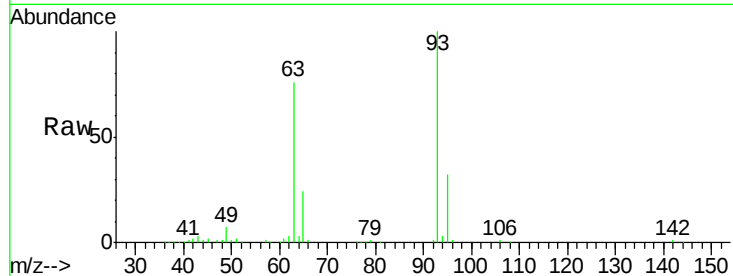
ClientSampleId :

C1.2-6MS

Tot Ion:	93	Resp:	155388
Ion Ratio	Lower	Upper	
93	100		
63	75.8	67.6	107.6
95	32.3	12.5	52.5

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#12

1,3-Dichlorobenzene

Concen: 18.99 ng m

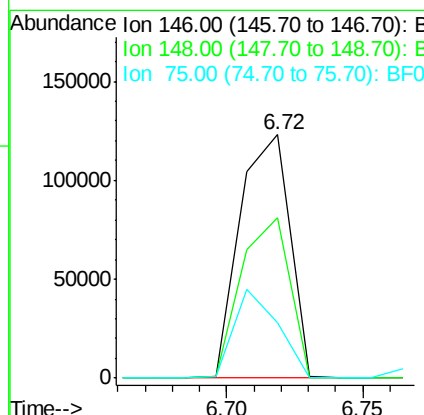
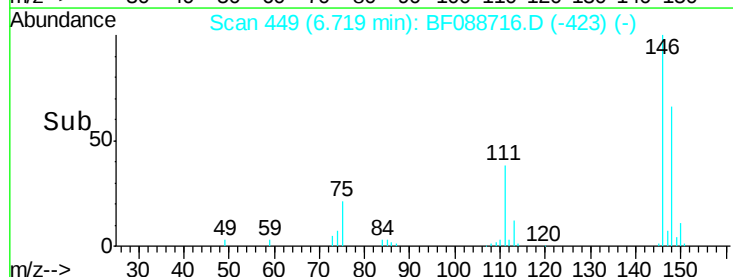
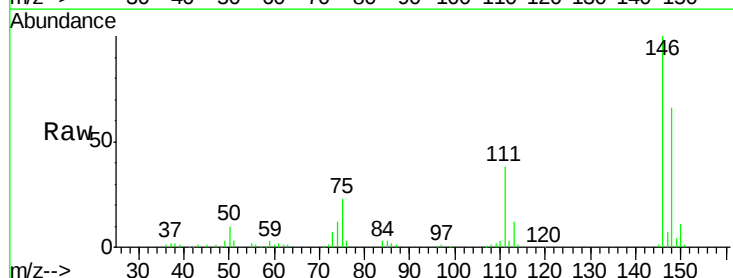
RT: 6.72 min Scan# 449

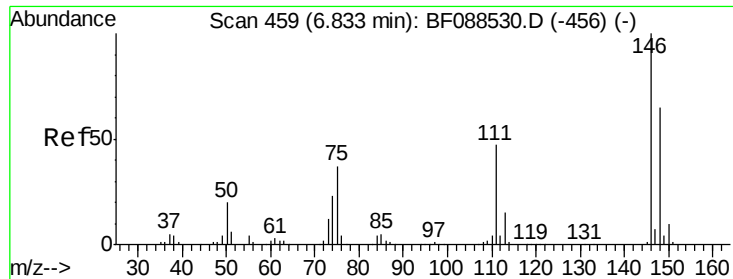
Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Tgt Ion:	146	Resp:	157253
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.9	76.3
75	22.6	25.6	38.4#





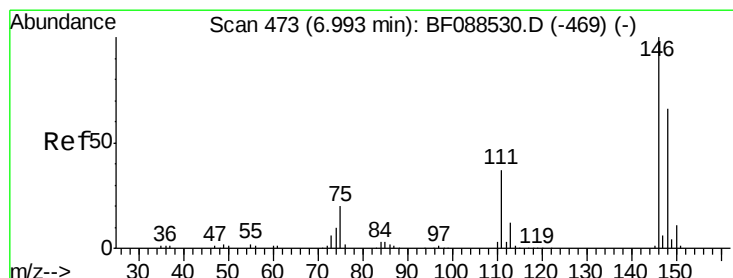
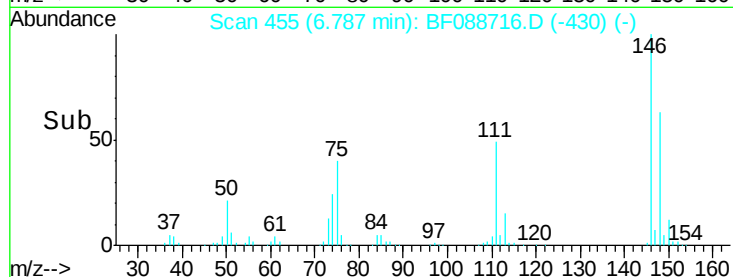
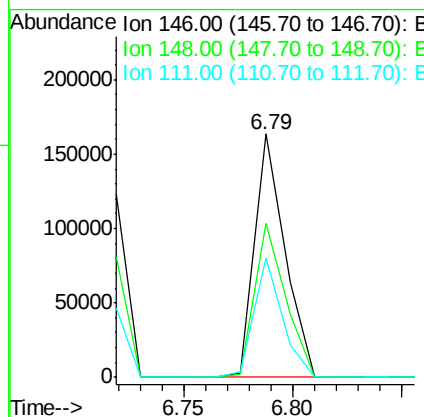
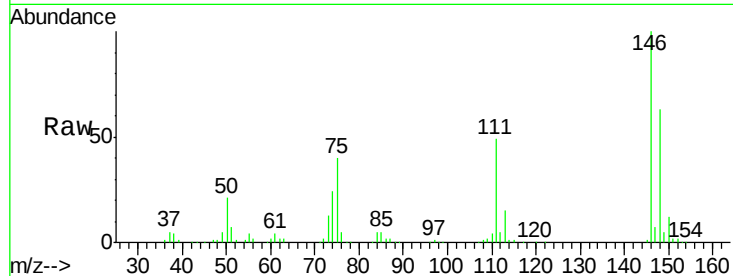
#13
1,4-Dichlorobenzene
Concen: 19.25 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		158270		
148	63.2	52.0		78.0	
111	49.2	33.8		50.8	

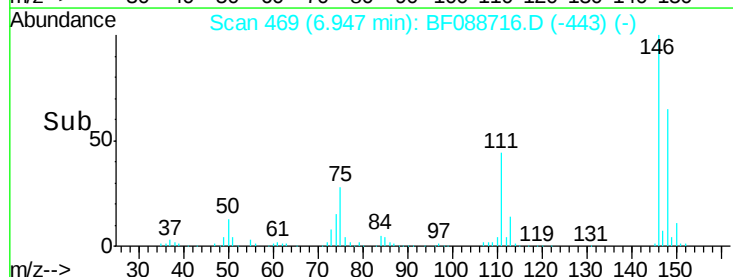
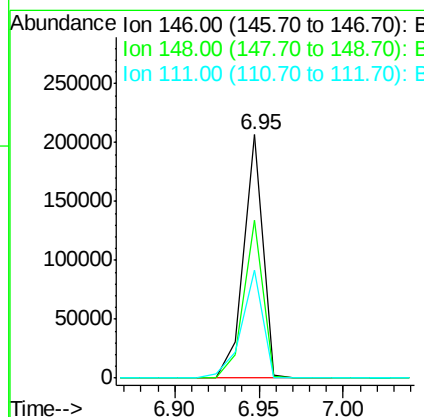
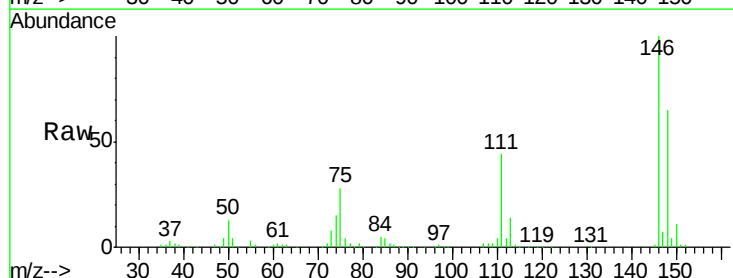
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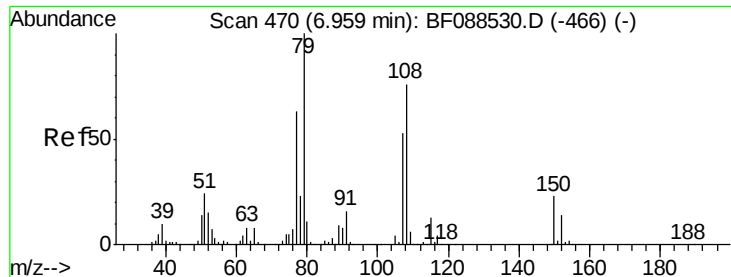
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#14
1,2-Dichlorobenzene
Concen: 21.44 ng m
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		165008		
148	64.8	52.3		78.5	
111	44.3	28.7		43.1	





#15

Benzyl Alcohol

Concen: 21.35 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

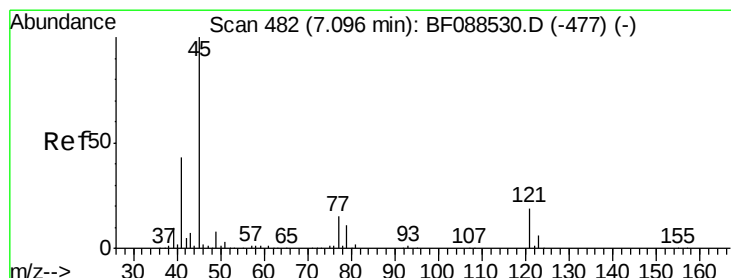
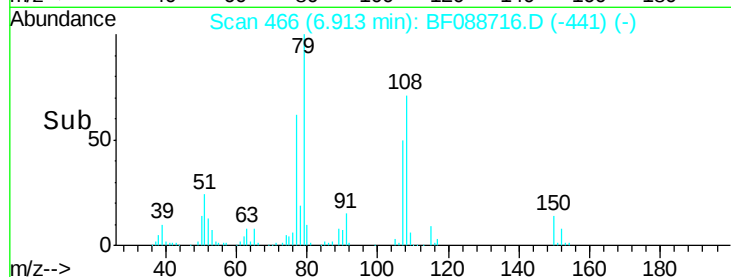
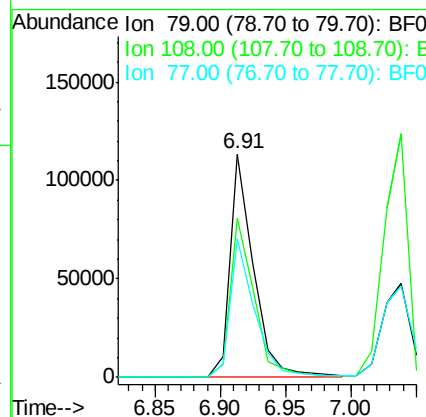
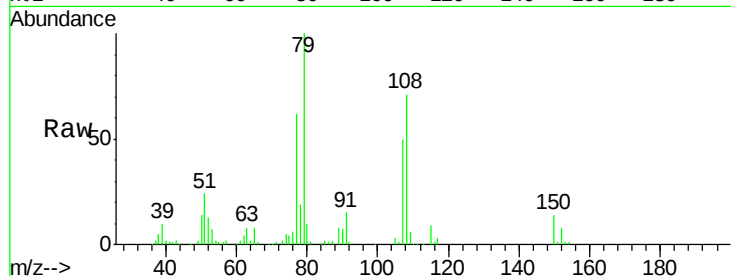
ClientSampleId :

C1.2-6MS

Tot Ion:	79	Resp:	142187
Ion Ratio	Lower	Upper	
79	100		
108	71.0	65.0	97.6
77	61.8	50.3	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.88 ng

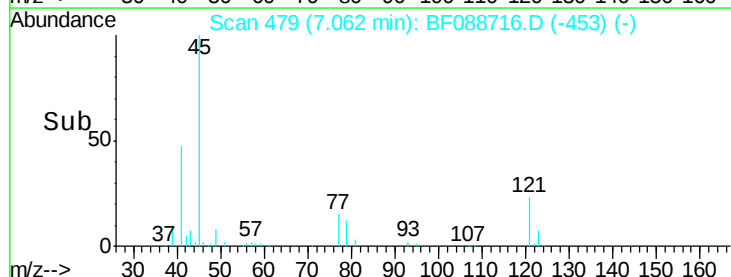
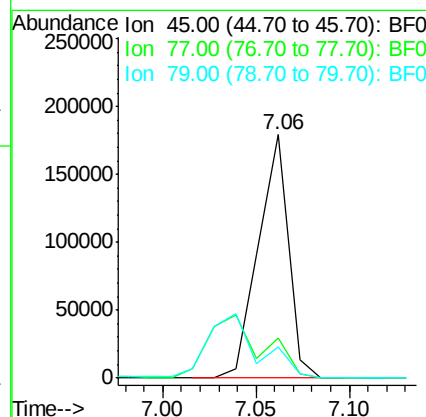
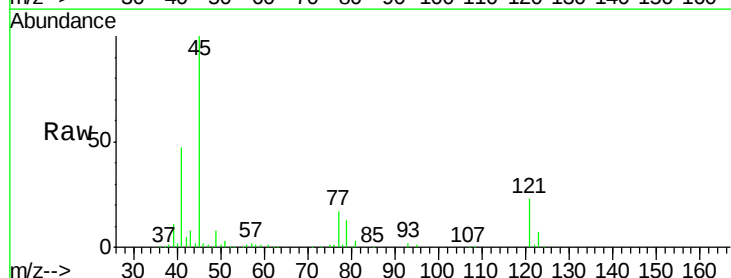
RT: 7.06 min Scan# 479

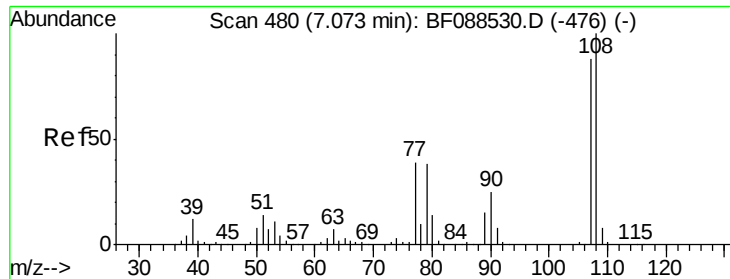
Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Tgt Ion:	45	Resp:	199433
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	32.5
79	12.9	0.0	29.5





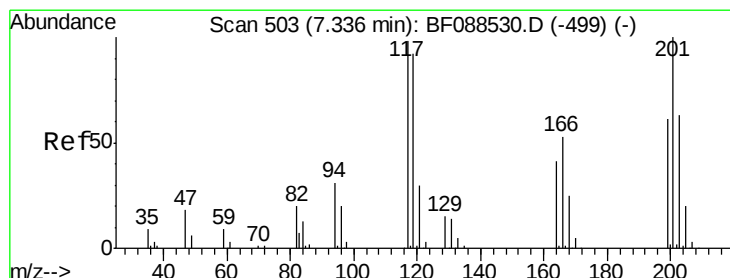
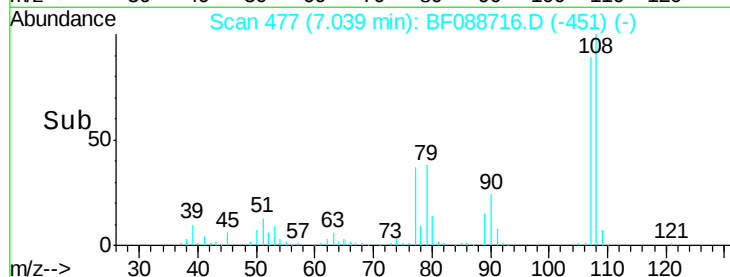
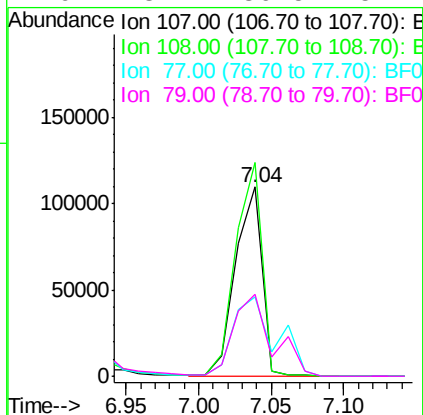
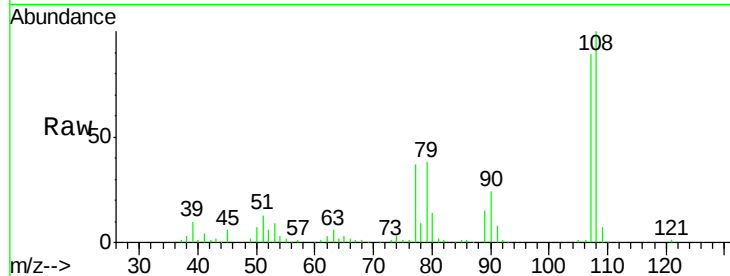
#17
2-Methylphenol
Concen: 22.65 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	139051		
108	108	112.8	90.9	136.3	
77	77	42.3	36.6	55.0	
79	79	43.4	36.5	54.7	

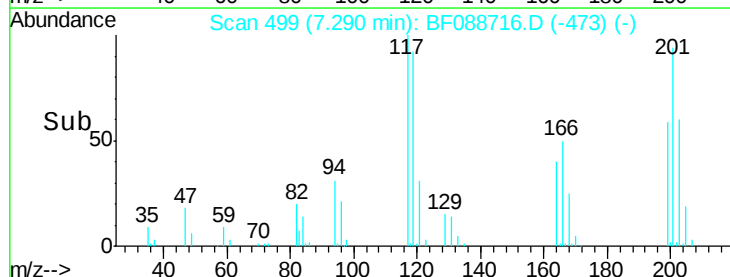
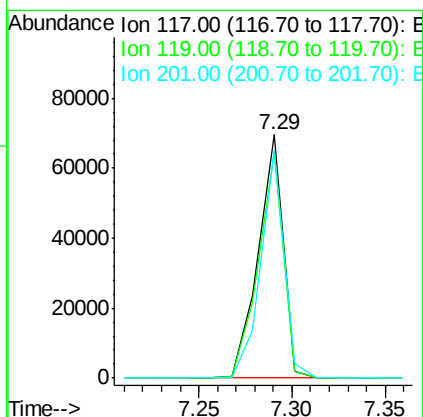
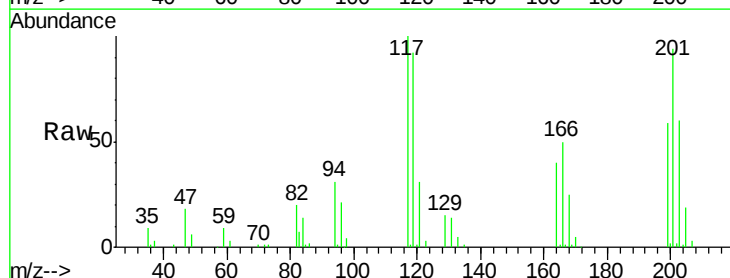
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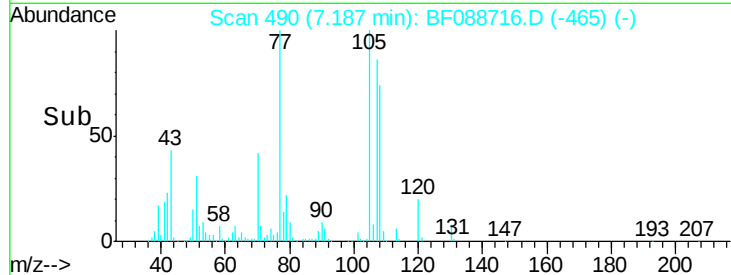
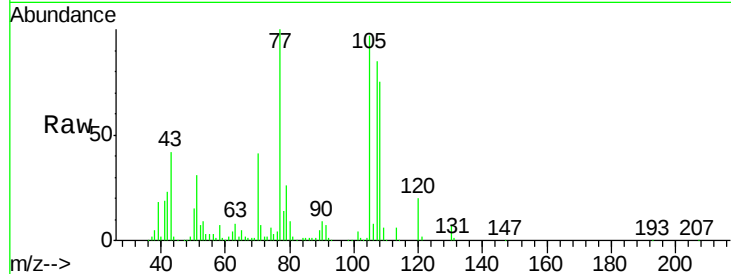
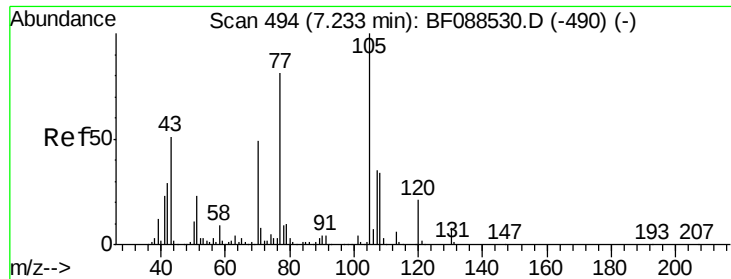
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#18
Hexachloroethane
Concen: 20.59 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	65459		
119	119	92.4	77.4	116.2	
201	201	93.8	80.4	120.6	





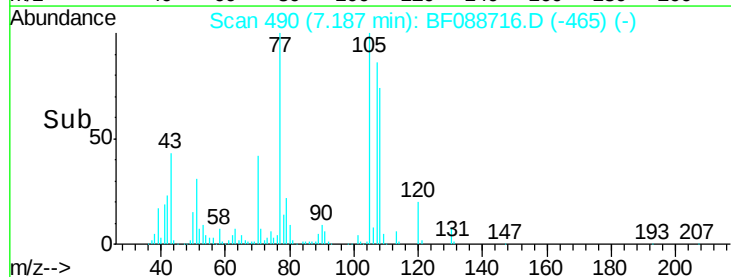
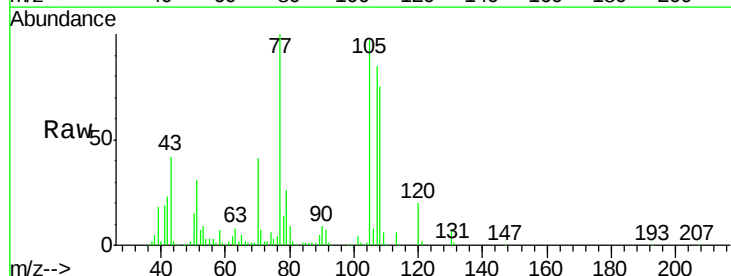
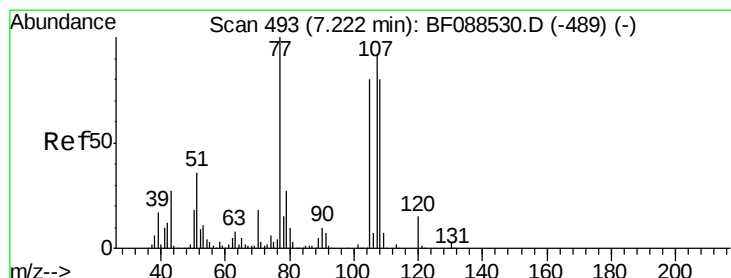
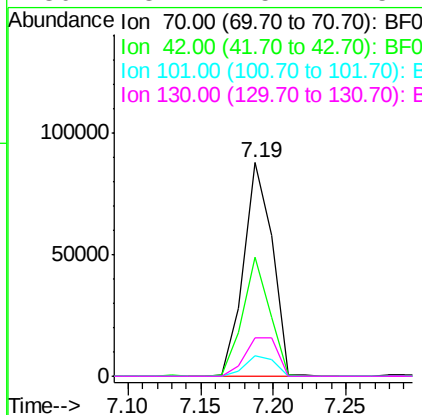
#19
n-Nitroso-di-n-propylamine
Concen: 19.68 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampled :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.7	49.6	74.4
101	9.3	7.1	10.7
130	18.1	15.4	23.2

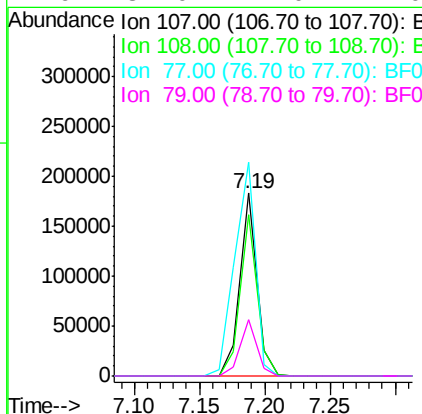
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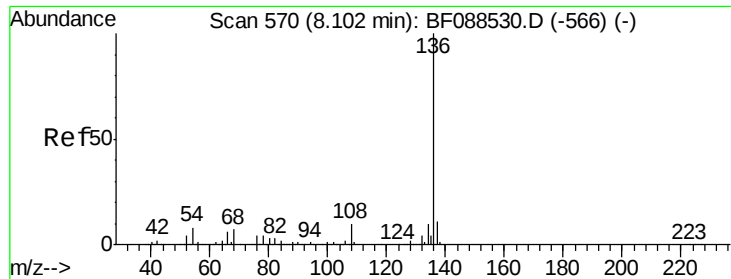
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#20
3+4-Methylphenols
Concen: 22.56 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.8	107.8
77	117.0	59.3	99.3#
79	31.0	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

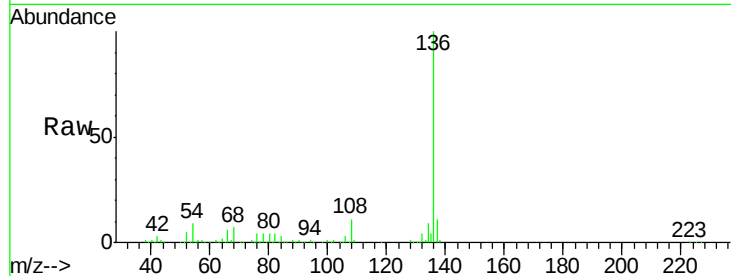
ClientSampleId :

C1.2-6MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	410314		
137	11.1	9.1	13.7	
54	8.8	6.6	10.0	
68	7.2	5.1	7.7	

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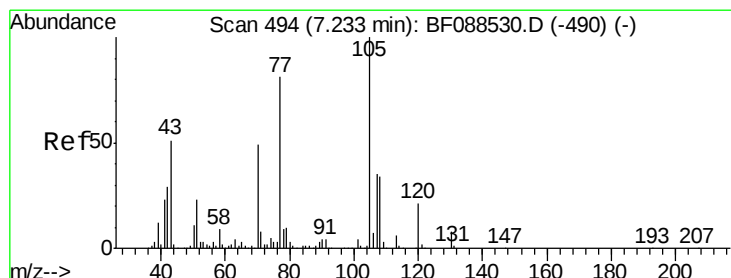
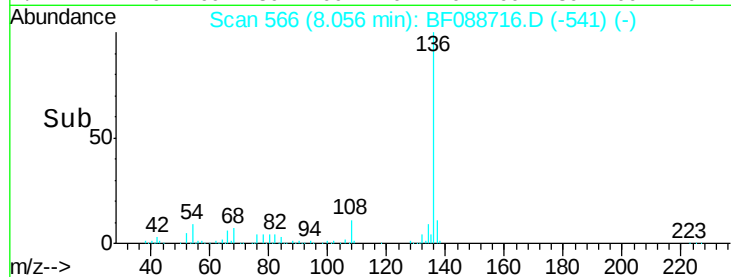
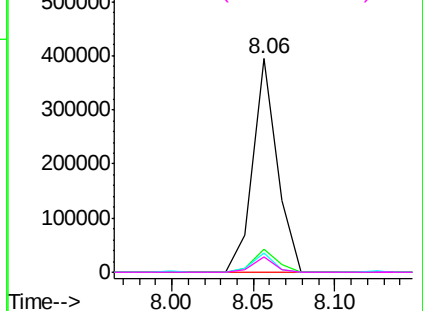


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 23.36 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

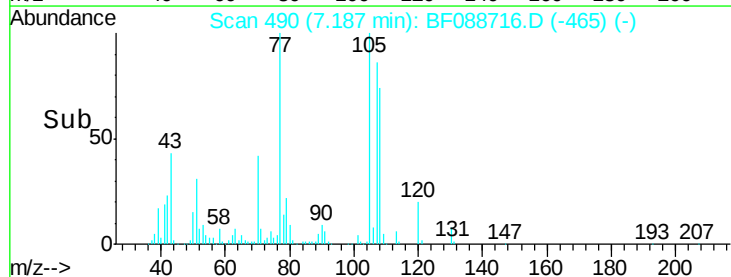
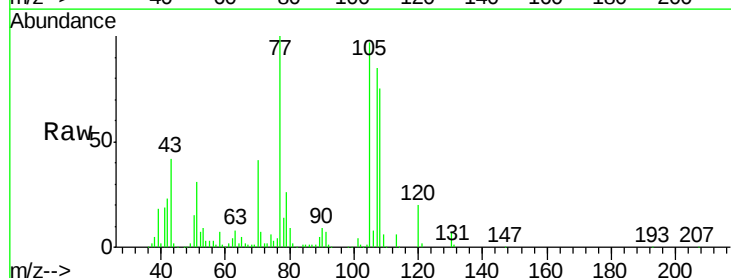
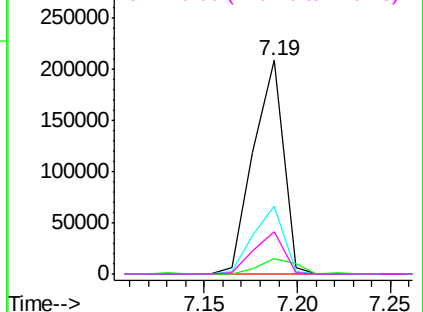
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	232616		
71	7.0	5.3	7.9	
51	32.0	18.2	27.4	
120	20.0	18.0	27.0	

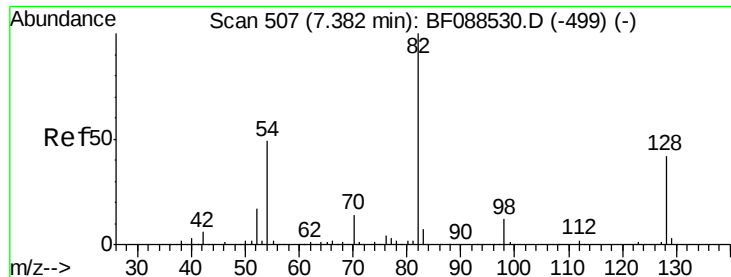
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





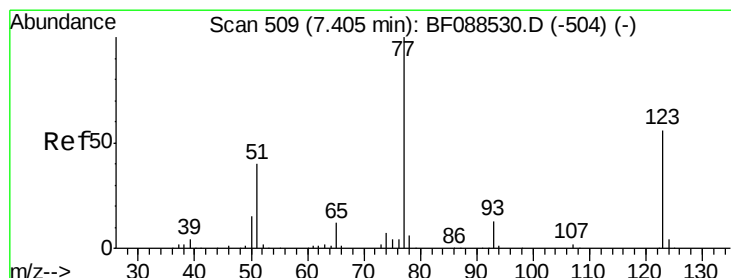
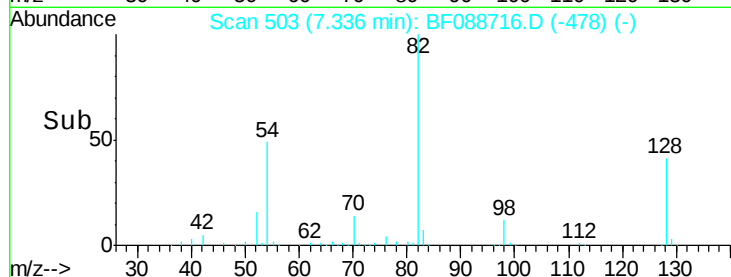
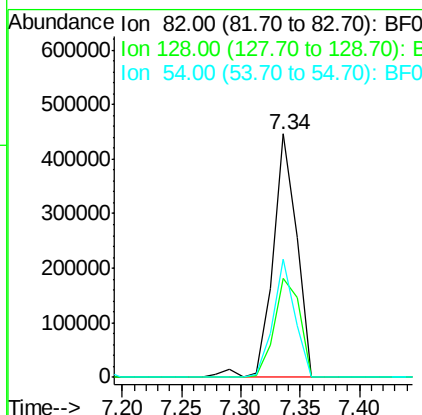
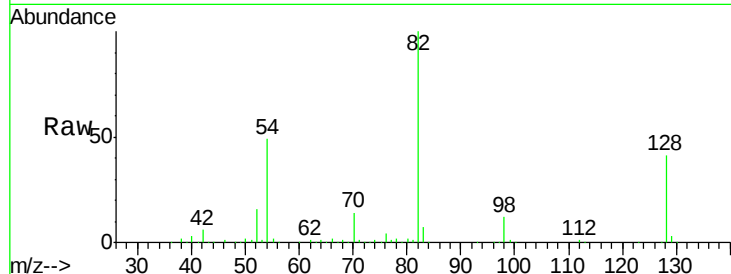
#23
 Nitrobenzene-d5
 Concen: 78.37 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	613624		
128	40.9		35.9	53.9
54	48.6		40.9	61.3

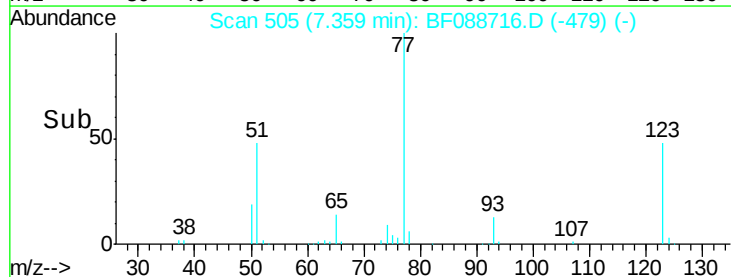
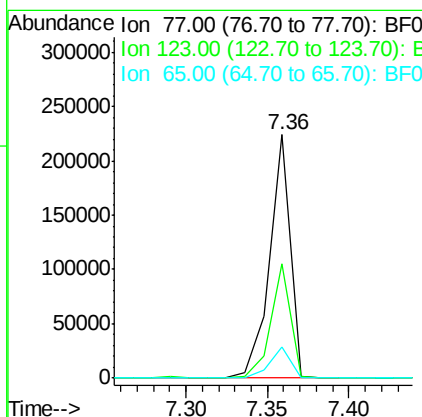
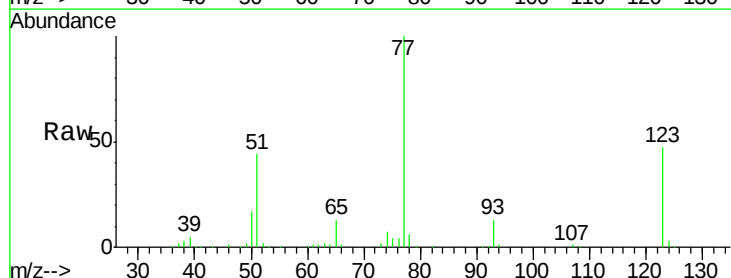
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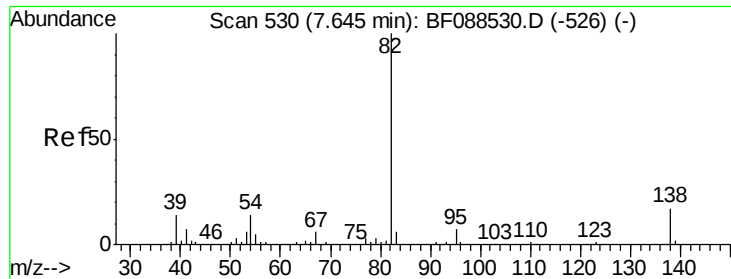
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#24
 Nitrobenzene
 Concen: 24.96 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	197036		
123	46.9		45.0	67.4
65	12.6		10.2	15.2





#25

Isophorone

Concen: 23.39 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

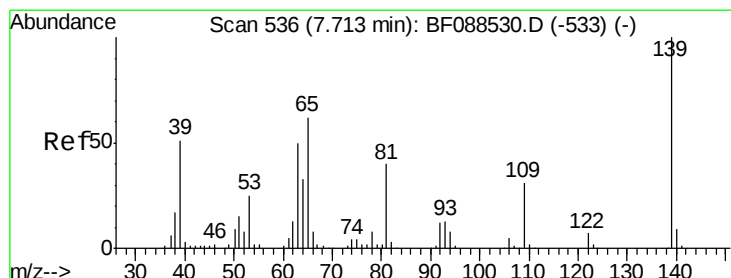
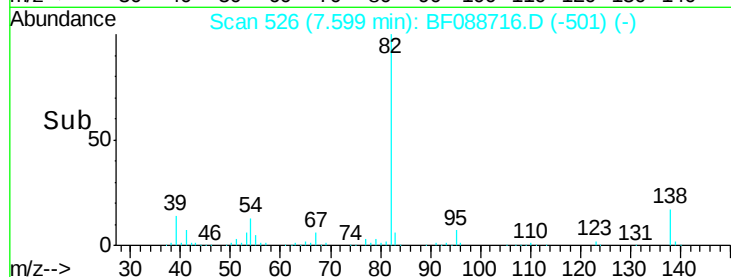
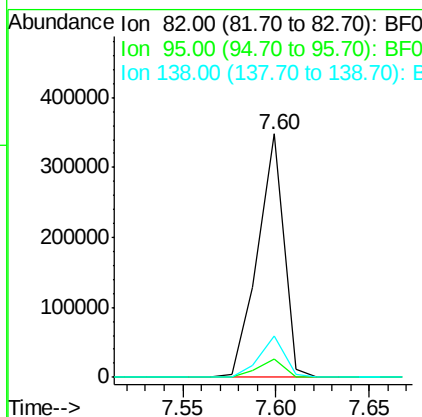
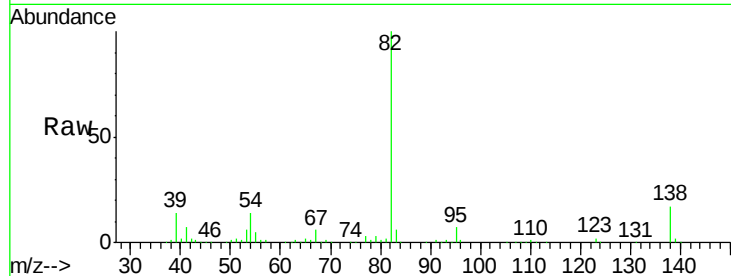
ClientSampleId :

C1.2-6MS

Tot Ion:	82	Resp:	339307
Ion Ratio		Lower	Upper
82	100		
95	7.3	5.4	8.2
138	16.9	14.6	21.8

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#26

2-Nitrophenol

Concen: 26.26 ng

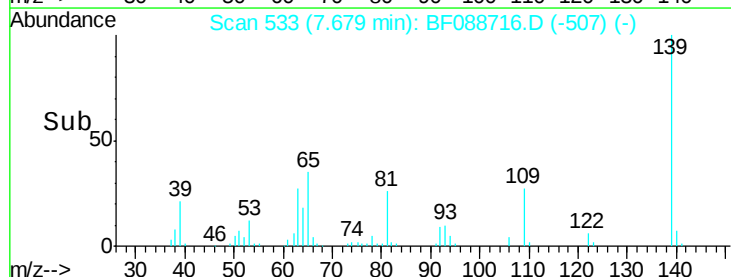
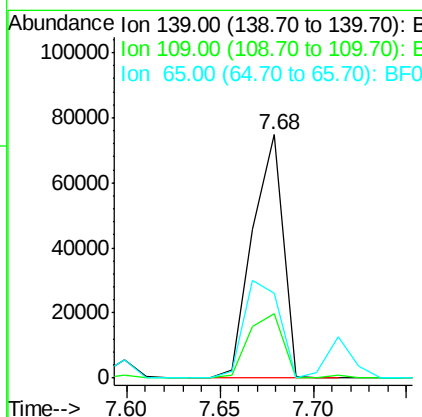
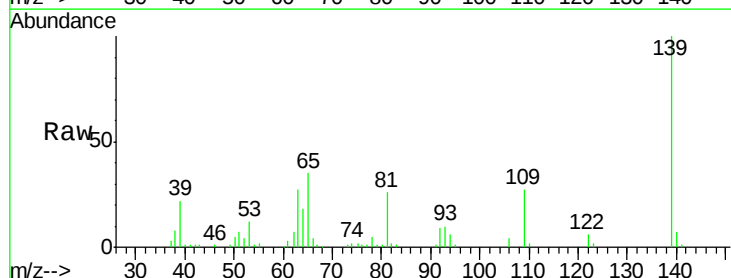
RT: 7.68 min Scan# 533

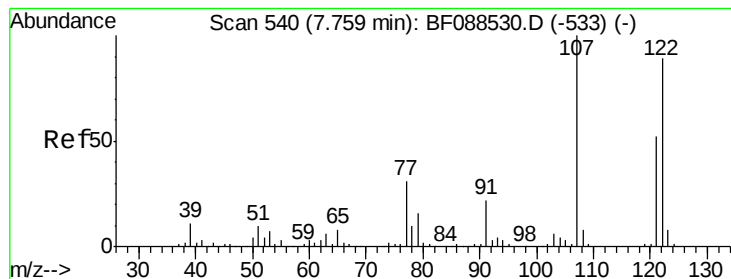
Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Tgt Ion:	139	Resp:	85013
Ion Ratio		Lower	Upper
139	100		
109	26.7	23.0	34.4
65	34.7	45.8	68.8#





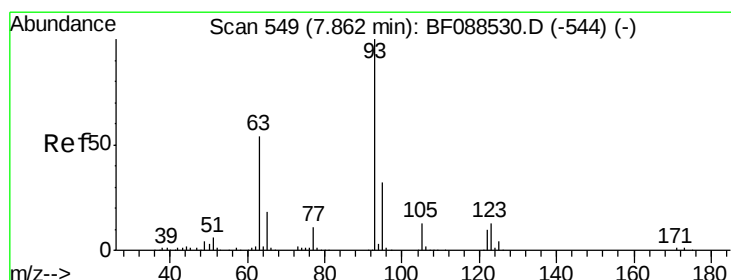
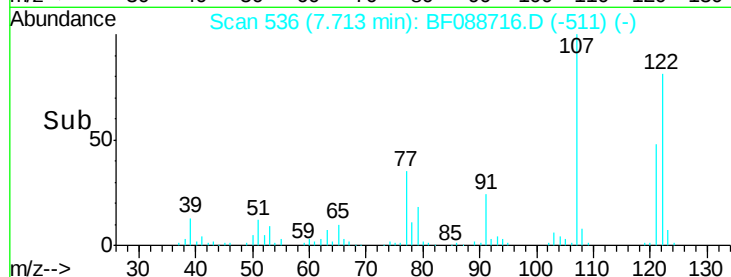
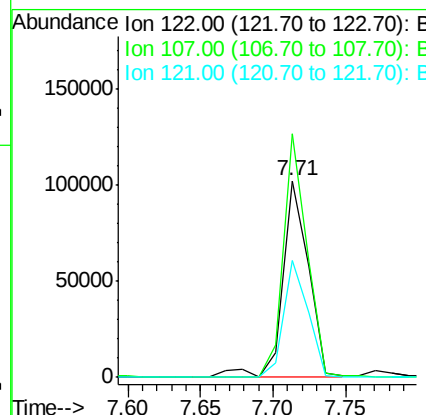
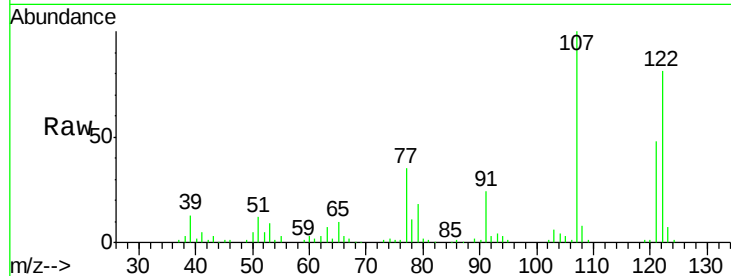
#27
2,4-Dimethylphenol
Concen: 18.63 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.8	82.4	123.6#
121	59.7	46.3	69.5

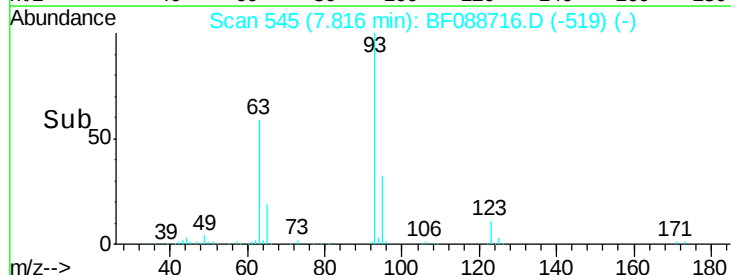
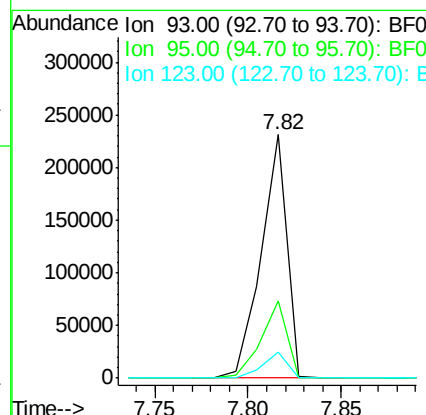
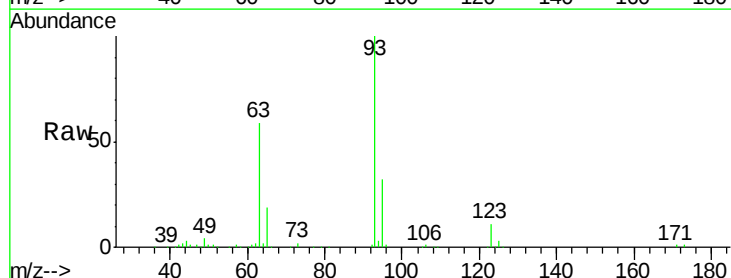
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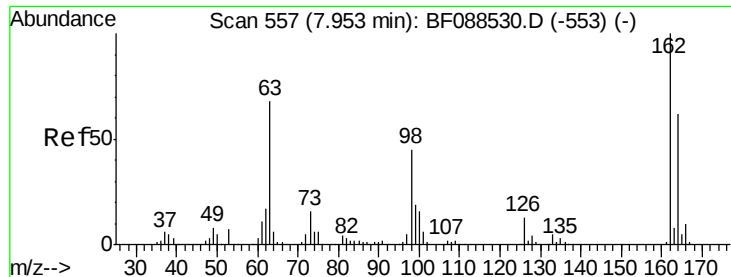
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#28
bis(2-Chloroethoxy)methane
Concen: 23.75 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.5	39.7
123	10.6	11.6	17.4#





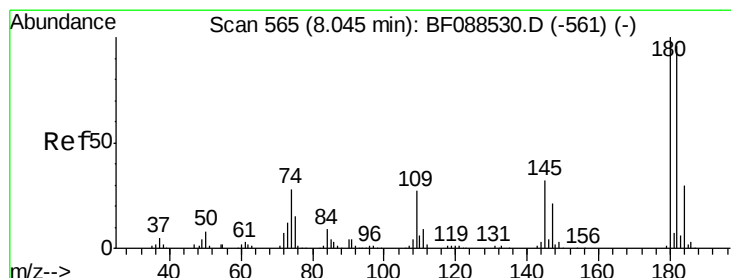
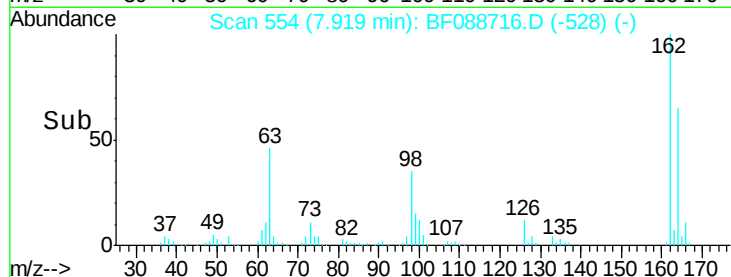
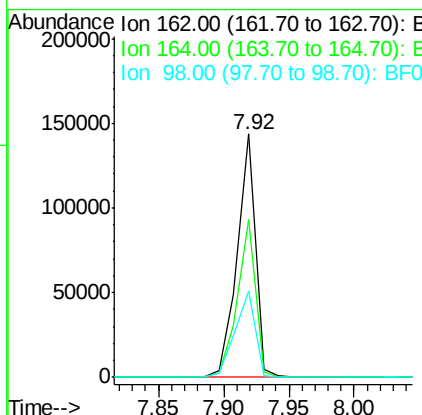
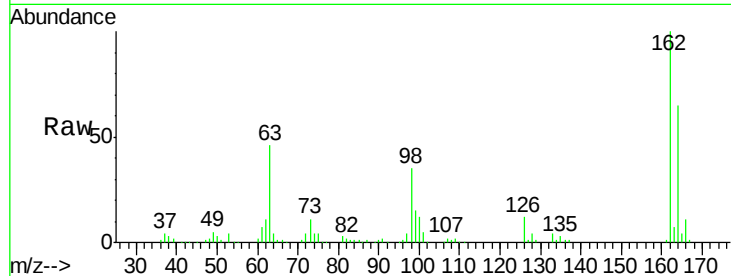
#29
 2,4-Dichlorophenol
 Concen: 25.50 ng
 RT: 7.92 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.1	43.8	83.8
98	35.3	21.3	61.3

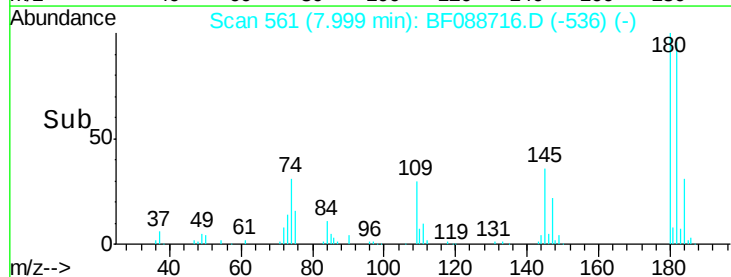
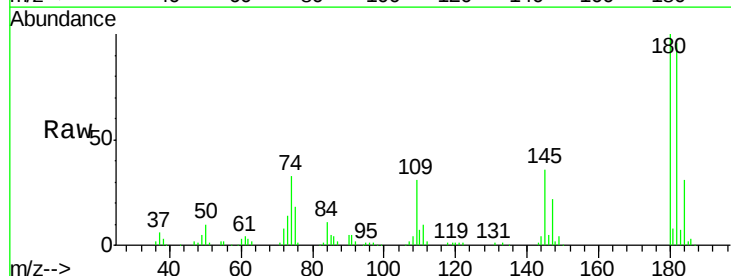
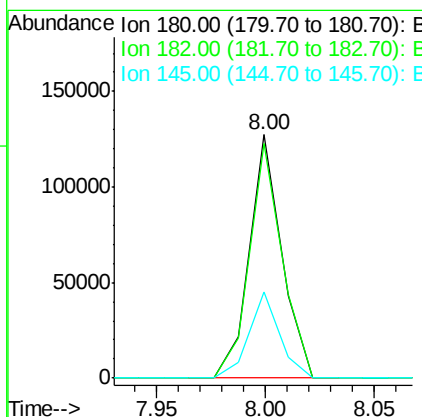
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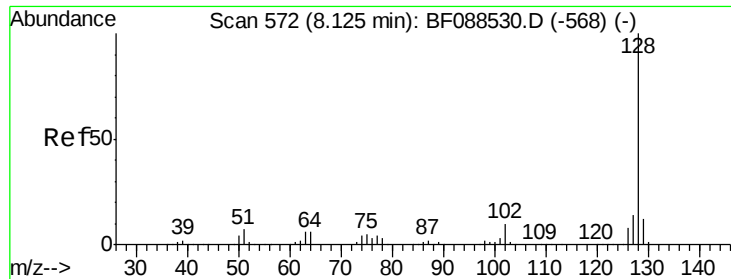
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#30
 1,2,4-Trichlorobenzene
 Concen: 22.07 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	76.0	114.0
145	35.5	26.5	39.7





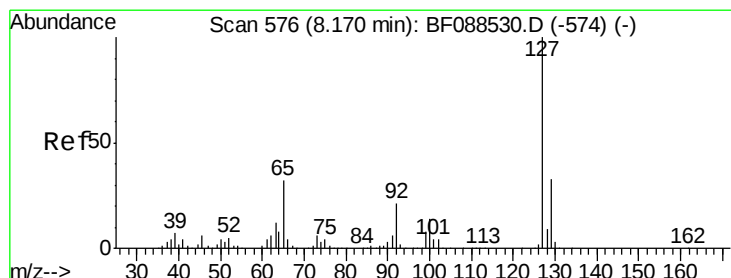
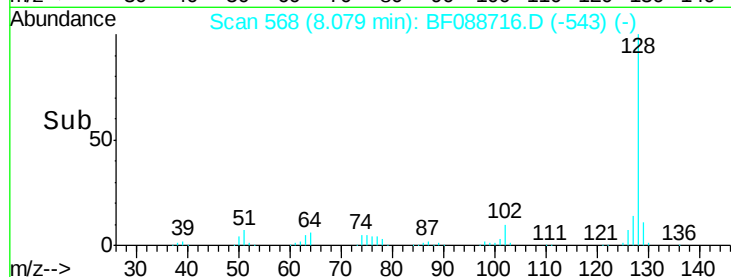
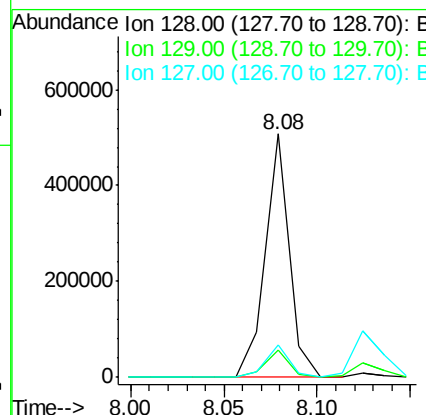
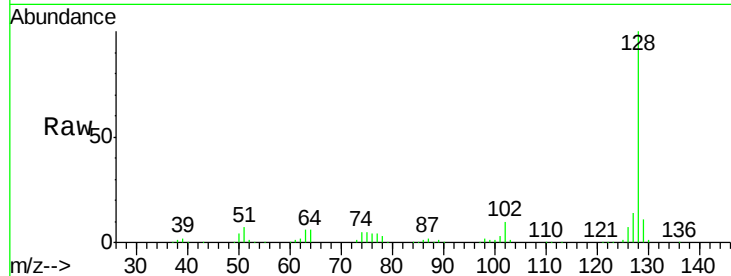
#31
Naphthalene
Concen: 22.75 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.5	10.9	16.3

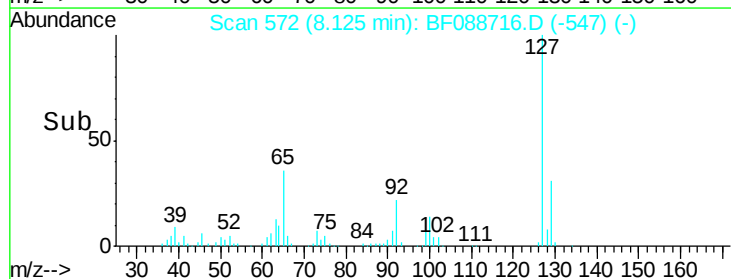
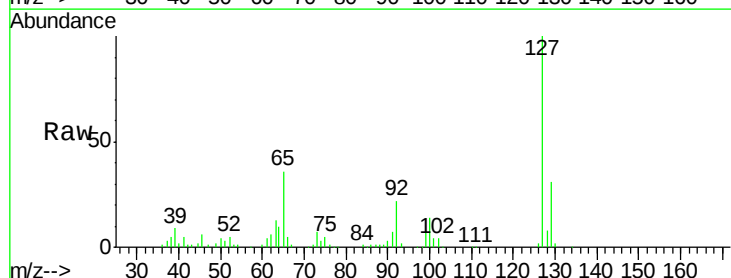
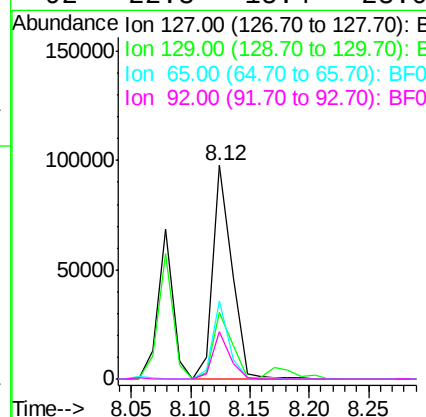
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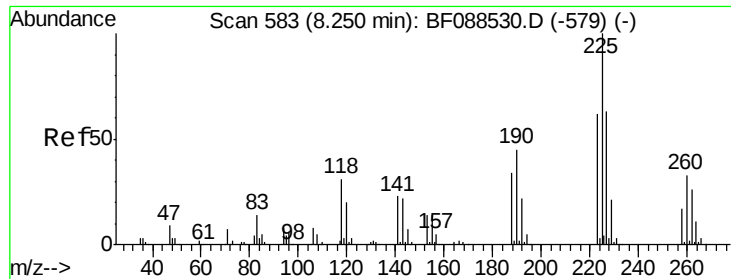
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#33
4-Chloroaniline
Concen: 12.18 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	36.4	24.7	37.1
92	22.3	15.4	23.0





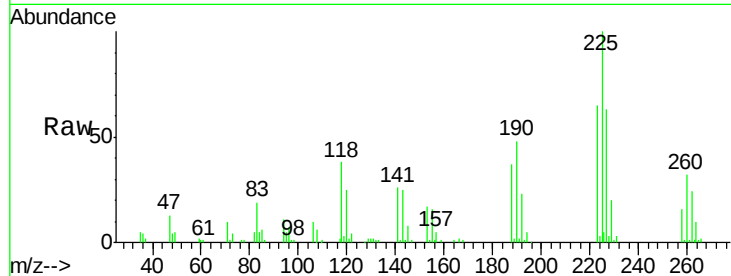
#34
Hexachlorobutadiene
Concen: 23.70 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

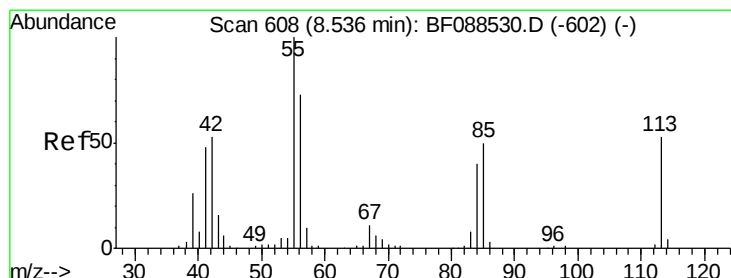
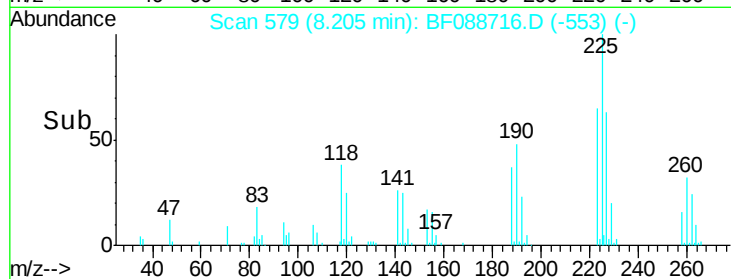
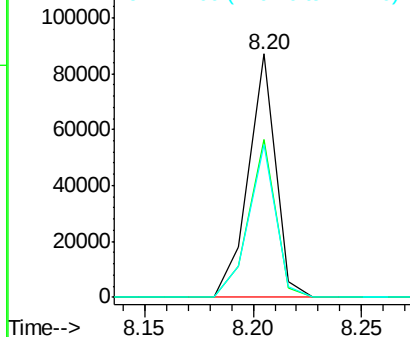
Tot Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.9	76.3
227	62.7	51.9	77.9

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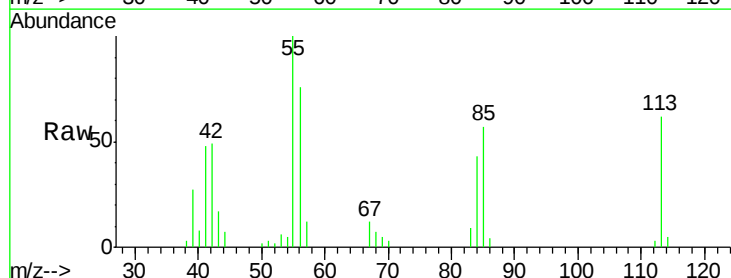


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

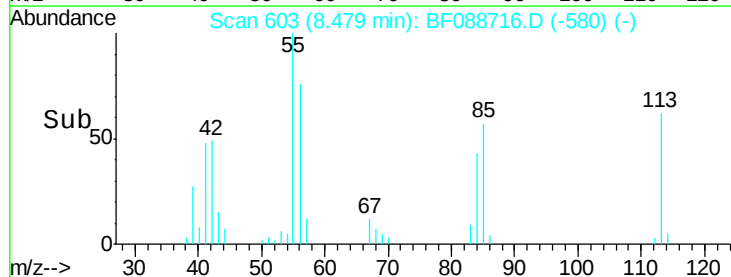
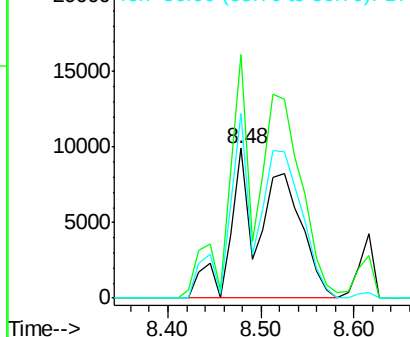


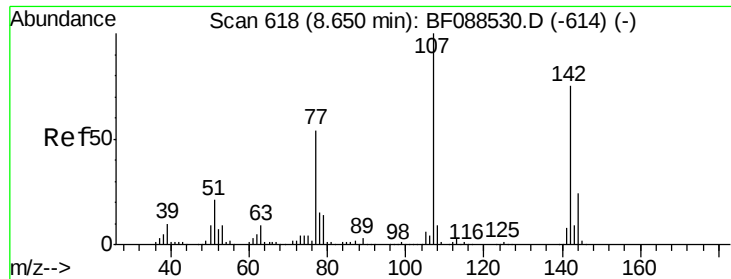
#35
Caprolactam
Concen: 20.14 ng m
RT: 8.48 min Scan# 603
Delta R.T. -0.03 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
113	100		
55	162.3	158.6	198.6
56	123.2	110.6	150.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





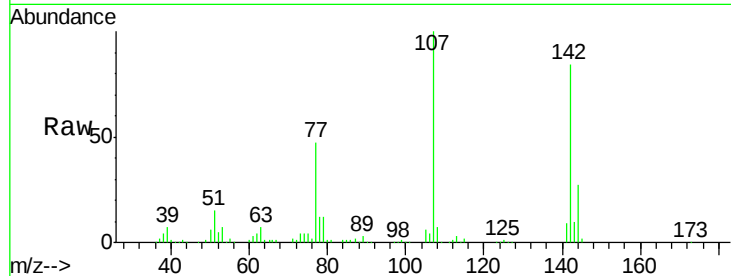
#36
4-Chloro-3-methylphenol
Concen: 24.15 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampled :
C1.2-6MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	155587		
144	27.4	20.8	31.2	
142	83.7	63.4	95.2	

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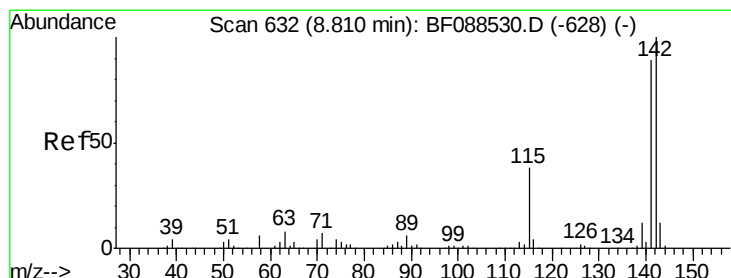
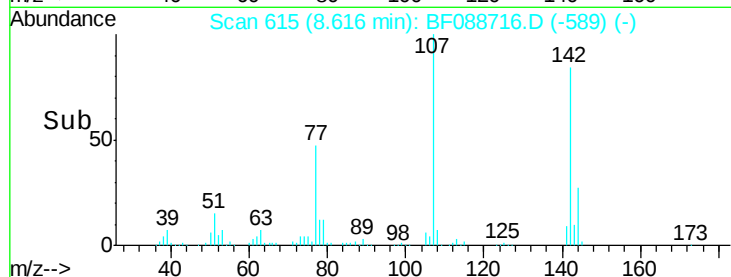
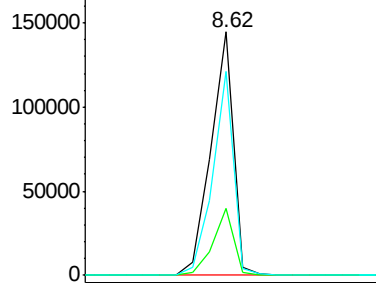


Abundance

Ion 107.00 (106.70 to 107.70): E

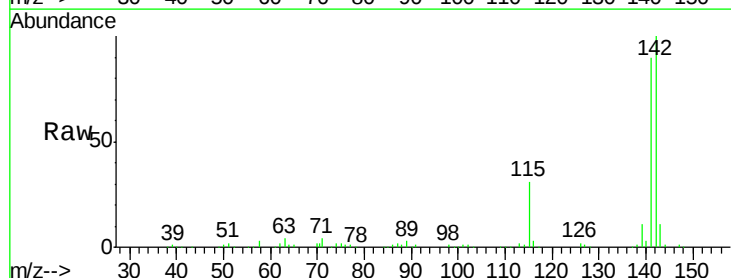
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
2-Methylnaphthalene
Concen: 23.56 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	306930		
141	89.6	71.0	106.6	
115	31.3	22.6	33.8	

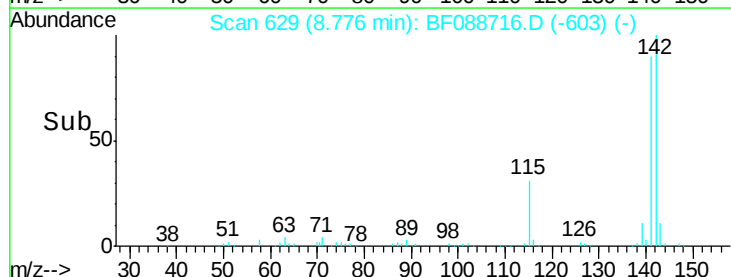
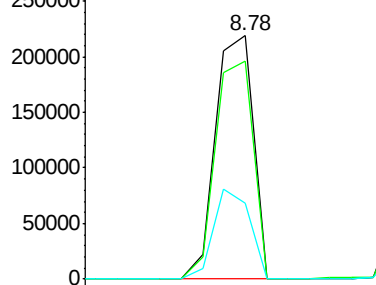


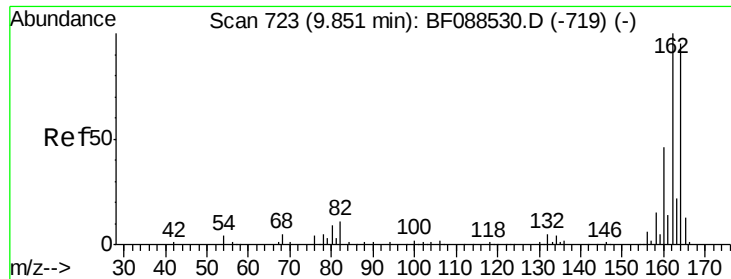
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





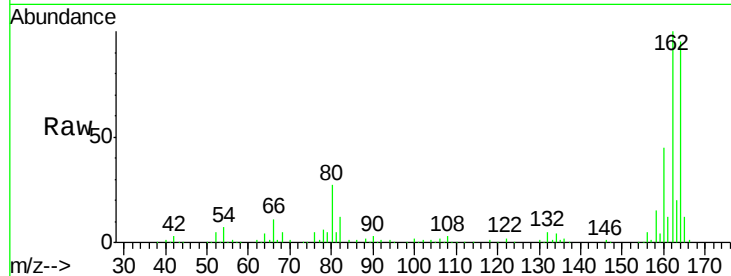
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.4	128.2
160	46.9	39.5	59.3

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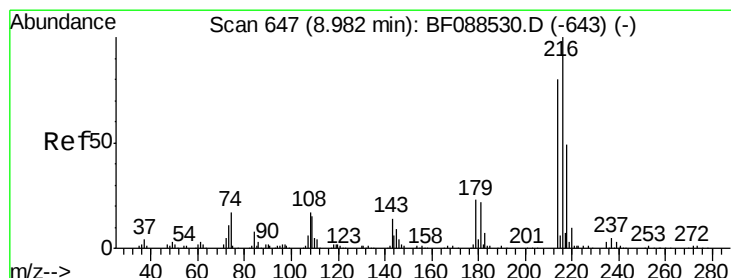
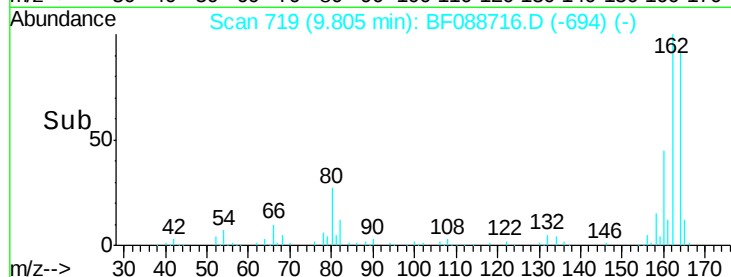
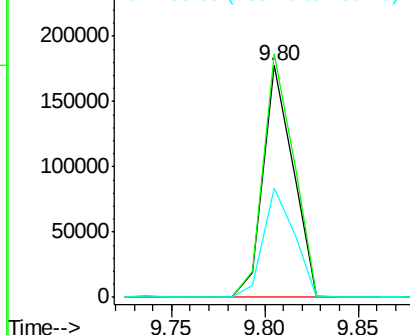


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 19.25 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	2.9	4.3#
179	24.1	0.0	0.0#
108	27.2	0.5	0.7#

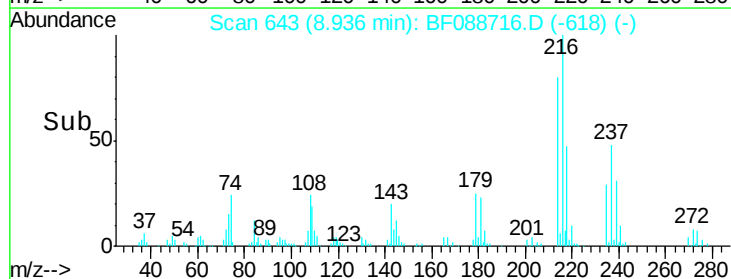
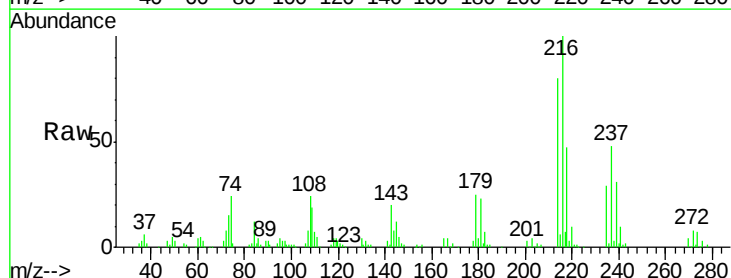
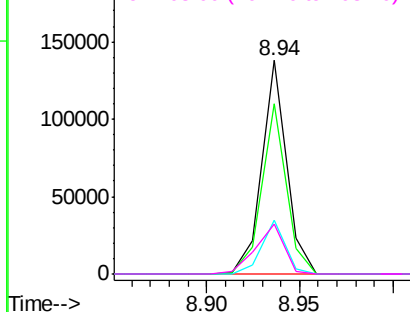
Abundance

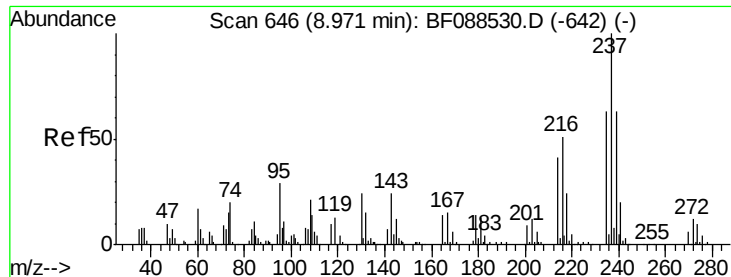
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





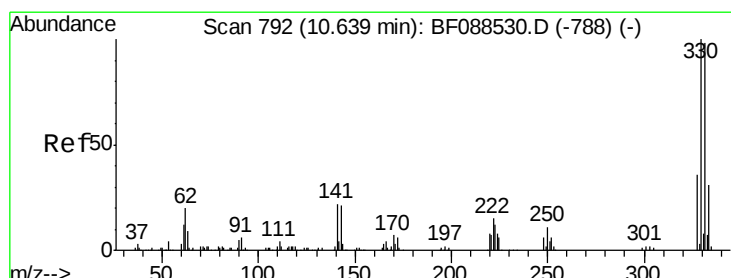
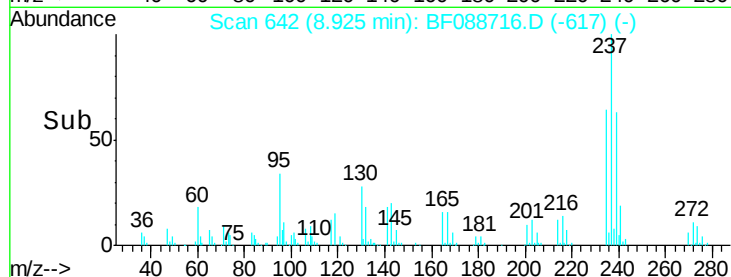
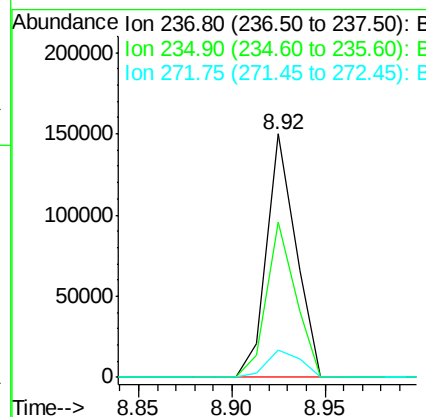
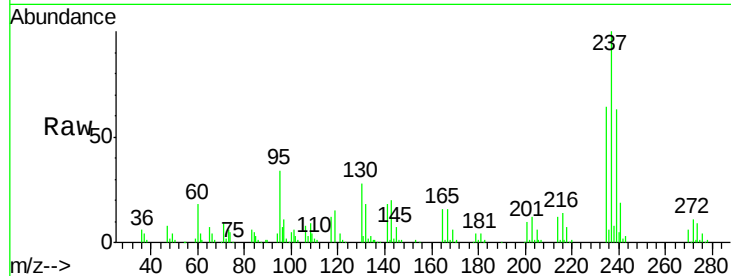
#40
Hexachlorocyclopentadiene
Concen: 50.81 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	43.4	83.4
272	11.4	0.0	32.3

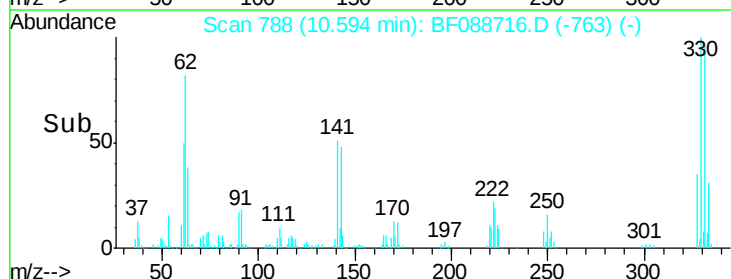
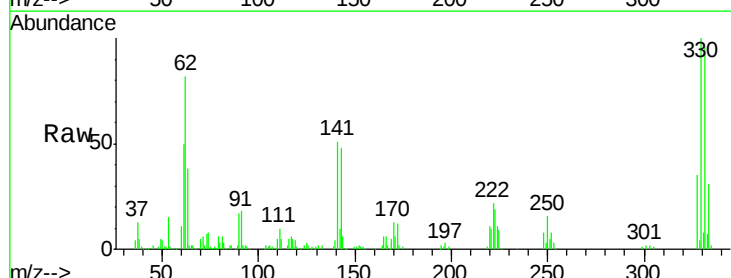
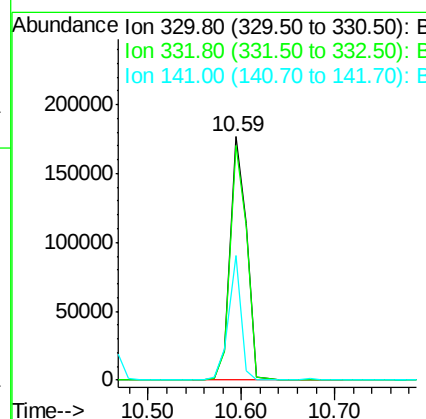
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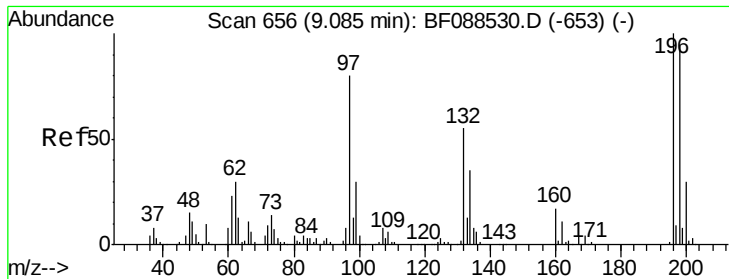
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#41
2,4,6-Tribromophenol
Concen: 120.20 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	38.7	0.0	0.0#





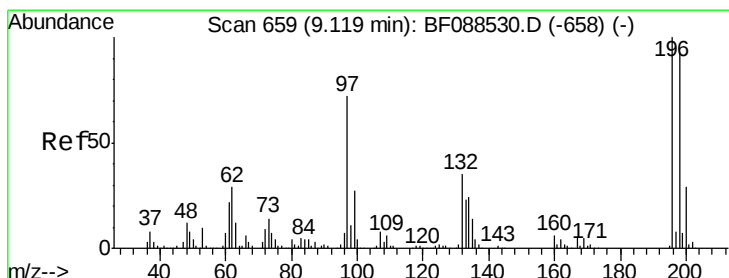
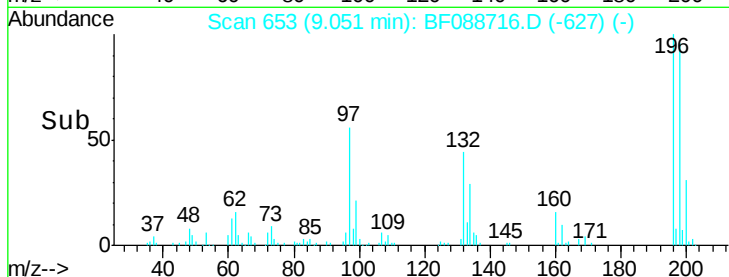
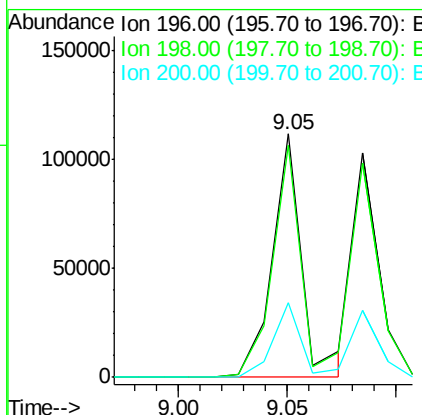
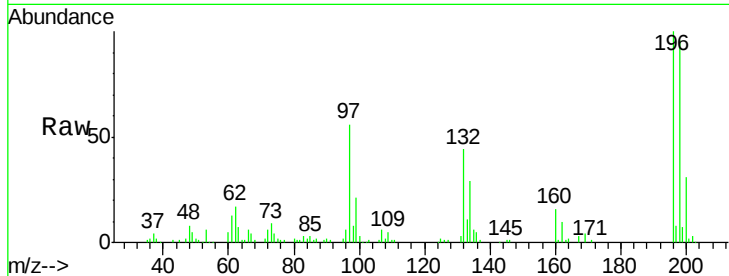
#42
 2,4,6-Trichlorophenol
 Concen: 24.85 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Instrument :
 BNA_F
 ClientSampled :
 C1.2-6MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	106747		
198	95.6	78.0	117.0	
200	30.6	25.4	38.2	

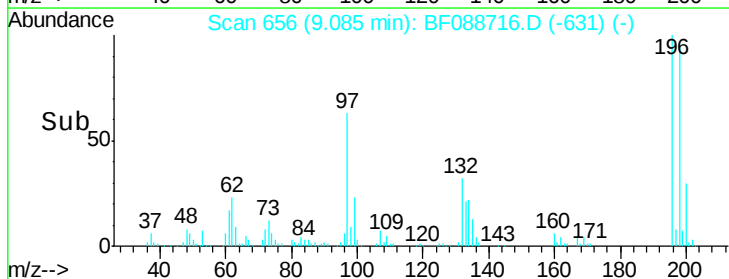
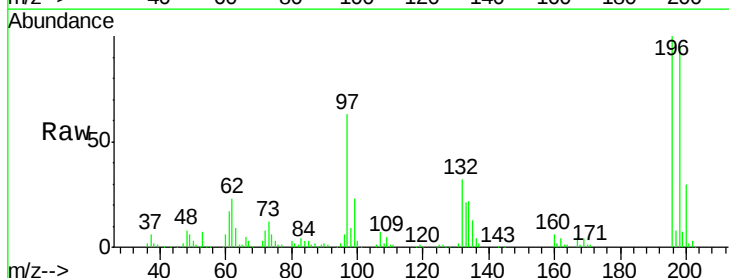
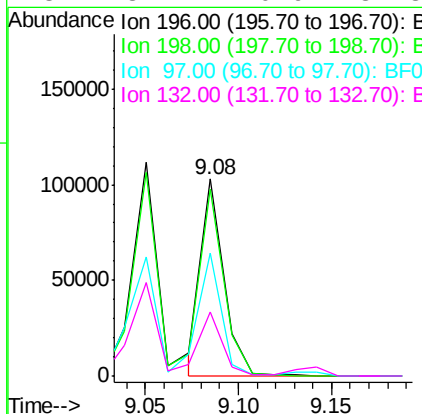
Manual Integrations
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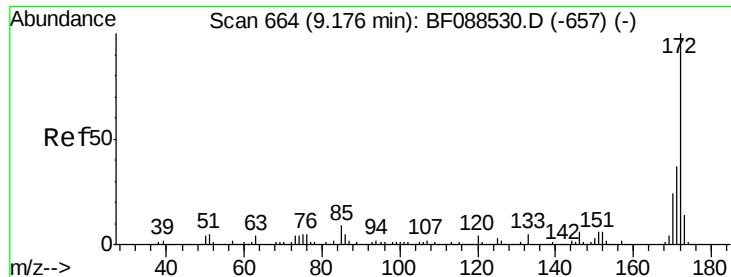
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#43
 2,4,5-Trichlorophenol
 Concen: 23.64 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	87392		
198	95.3	77.5	116.3	
97	62.6	32.0	48.0#	
132	32.4	20.9	31.3#	





#44

2-Fluorobiphenyl

Concen: 93.09 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tot Ion:172 Resp: 1154416

Ion Ratio Lower Upper

172 100

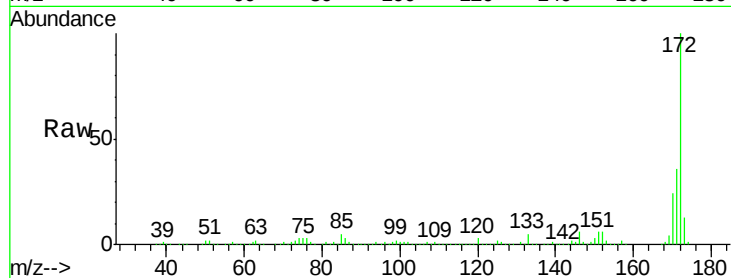
171 36.5 28.6 43.0

170 24.2 19.2 28.8

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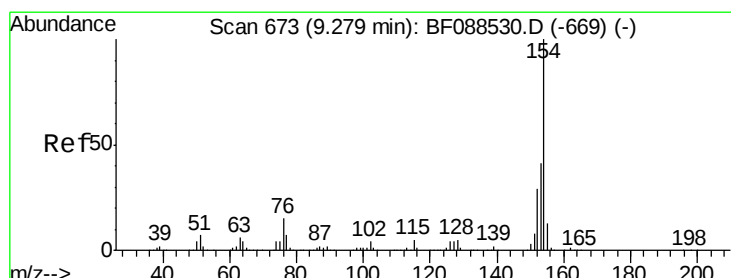
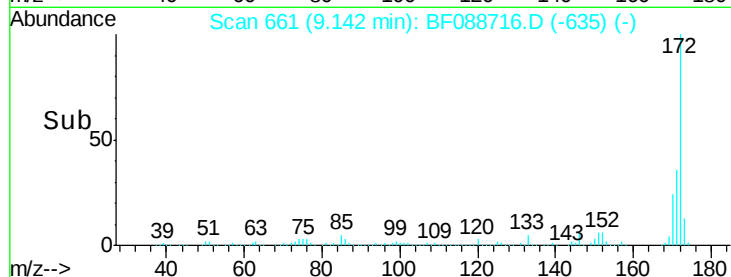
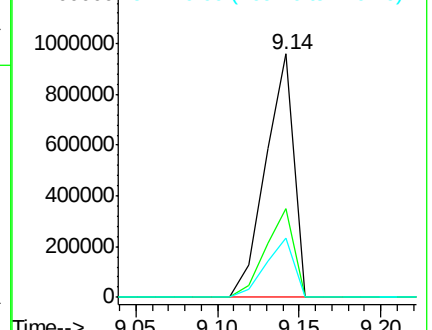
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 23.25 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

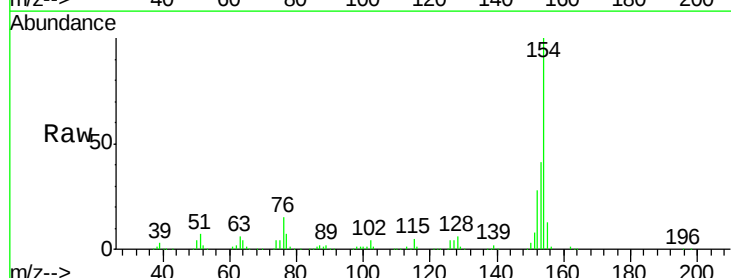
Tgt Ion:154 Resp: 377216

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

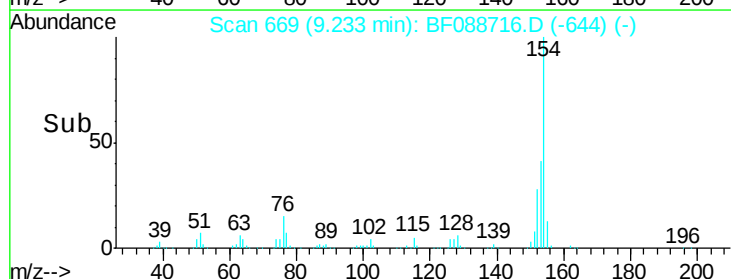
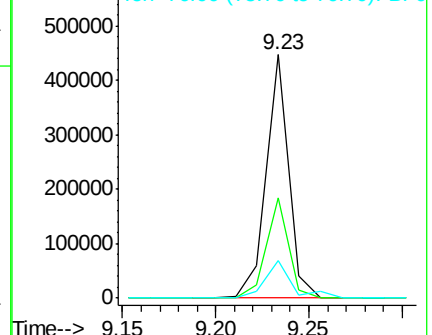
76 15.3 0.0 35.1

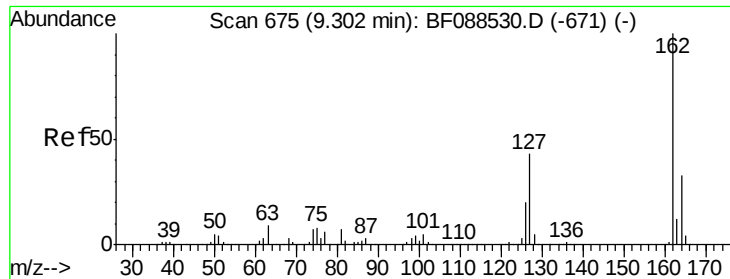


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





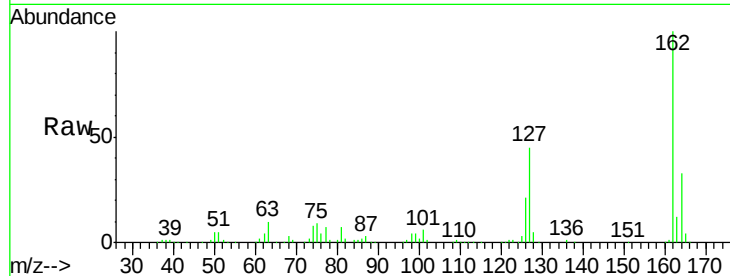
#46
2-Chloronaphthalene
Concen: 23.00 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

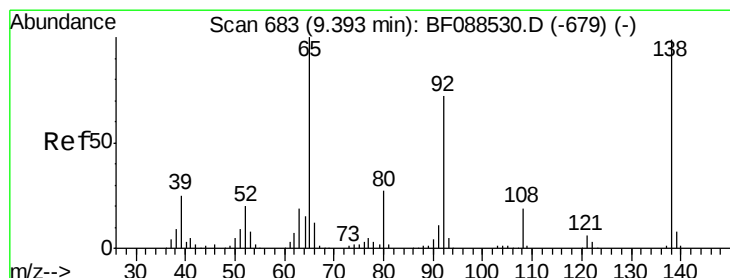
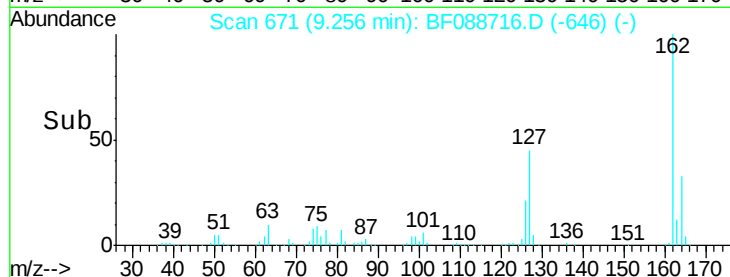
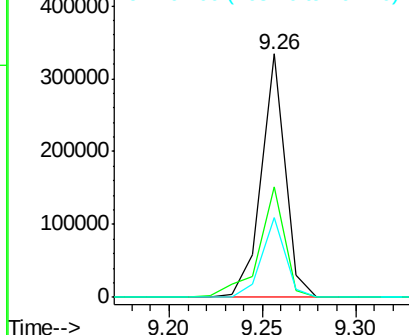
Tot Ion	Ratio	Resp	Lower	Upper
162	100	292875		
127	45.4		35.2	52.8
164	33.0		26.6	39.8

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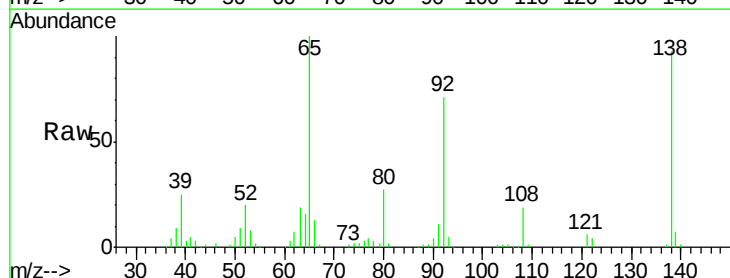


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

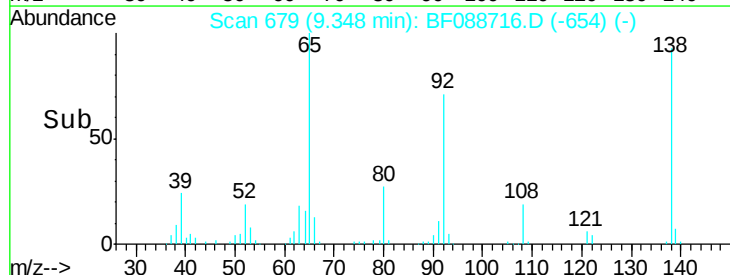
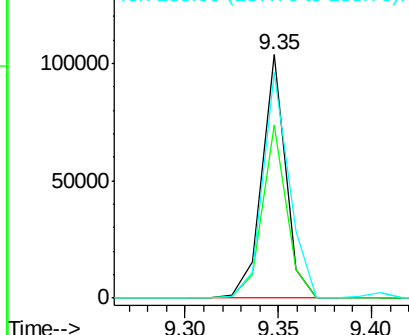


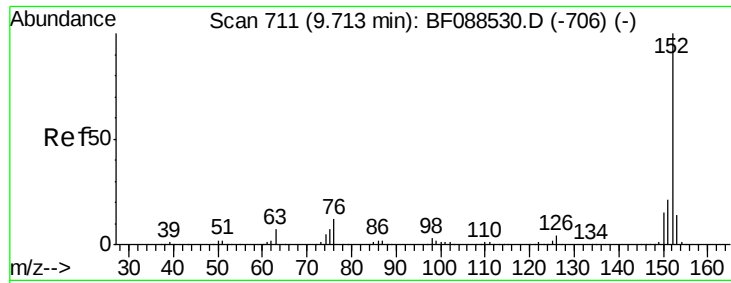
#47
2-Nitroaniline
Concen: 20.14 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	91010		
92	70.9		54.6	82.0
138	92.6		77.0	115.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





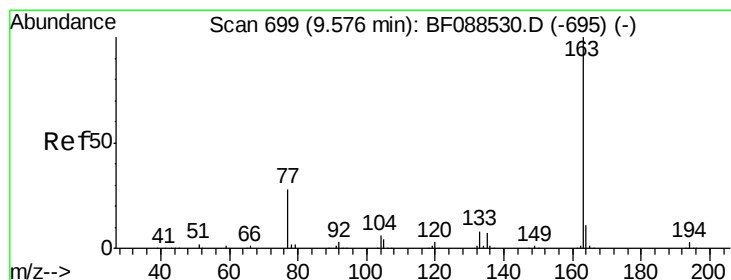
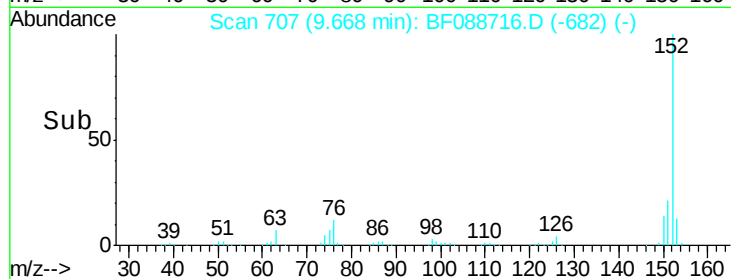
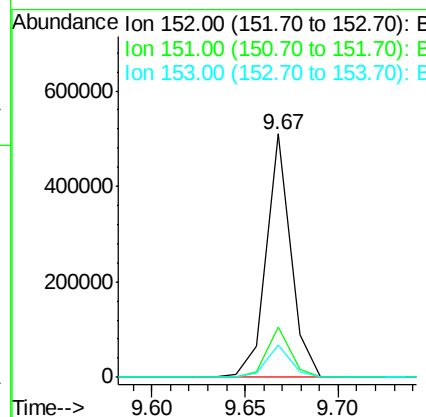
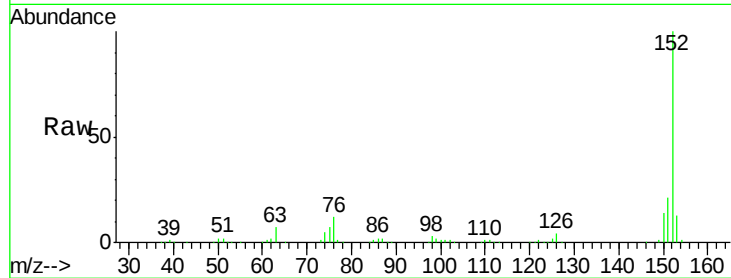
#48
Acenaphthylene
Concen: 22.65 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.3	11.0	16.6

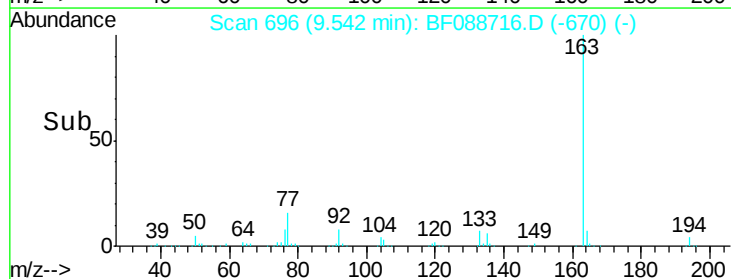
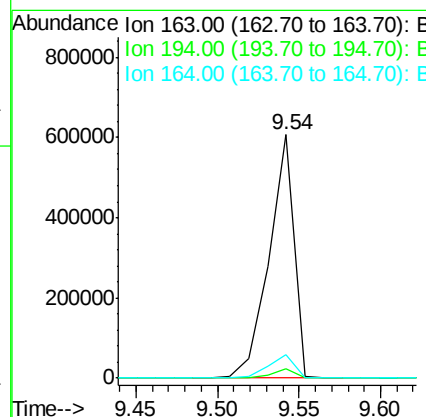
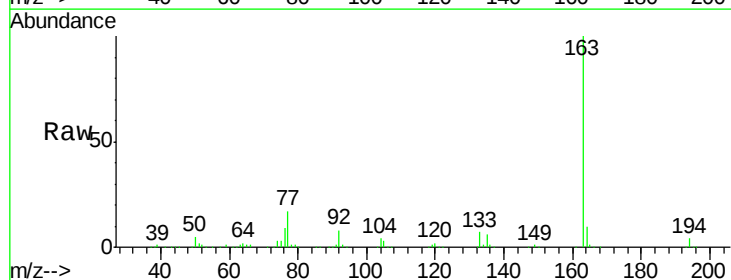
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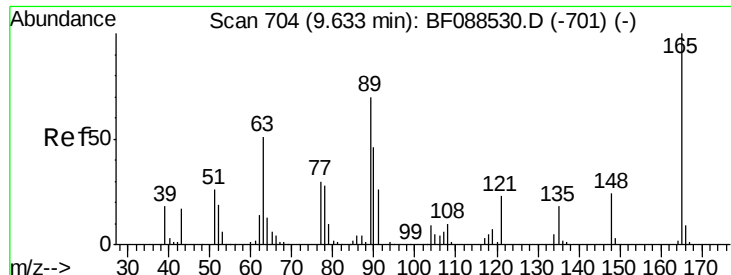
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#49
Dimethylphthalate
Concen: 46.37 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.8	8.3	12.5





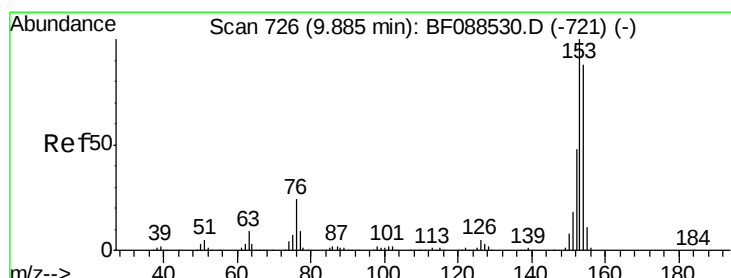
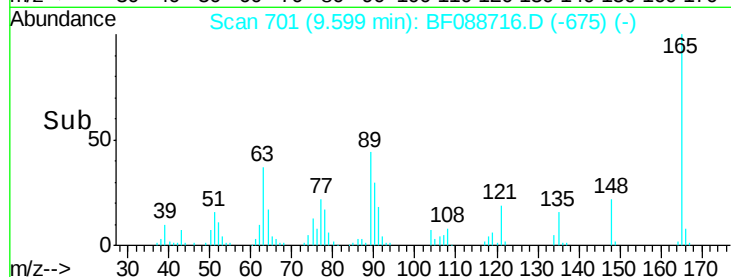
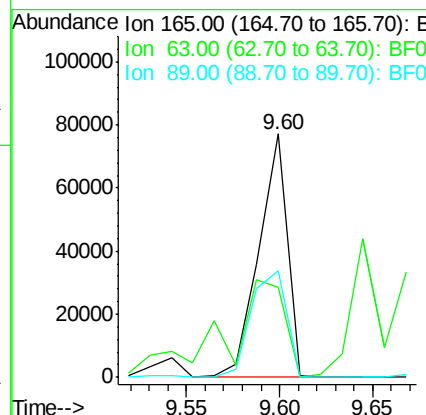
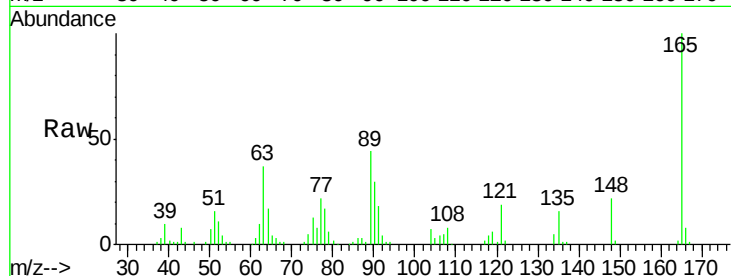
#50
2,6-Dinitrotoluene
Concen: 26.12 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	80779		
63	36.9		28.1	42.1
89	43.7		32.2	48.2

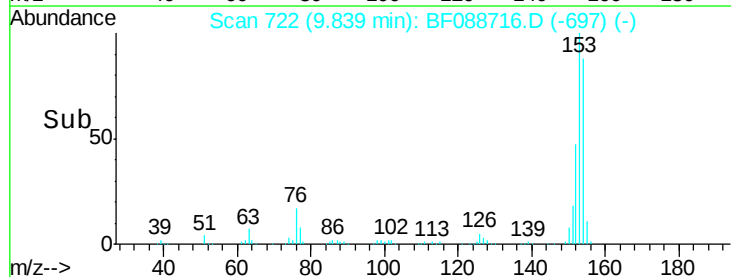
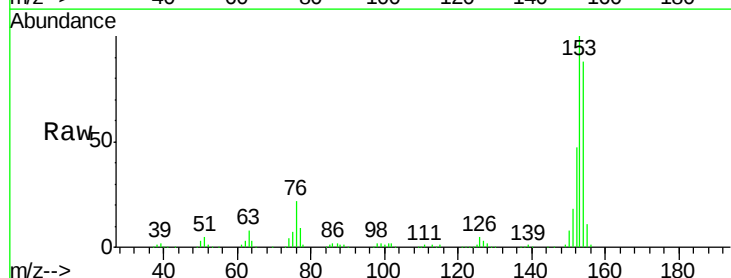
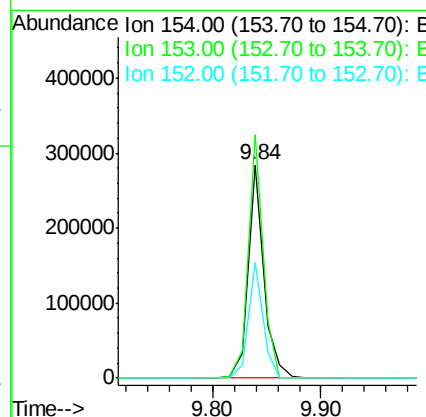
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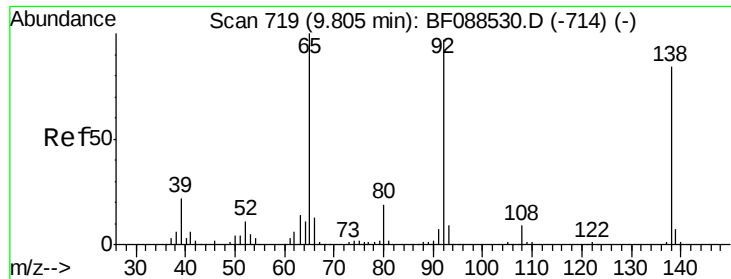
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#51
Acenaphthene
Concen: 22.61 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	280813		
153	114.1		89.5	134.3
152	54.1		42.7	64.1





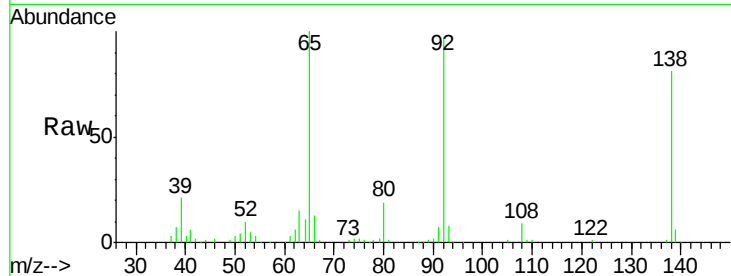
#52
 3-Nitroaniline
 Concen: 18.78 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

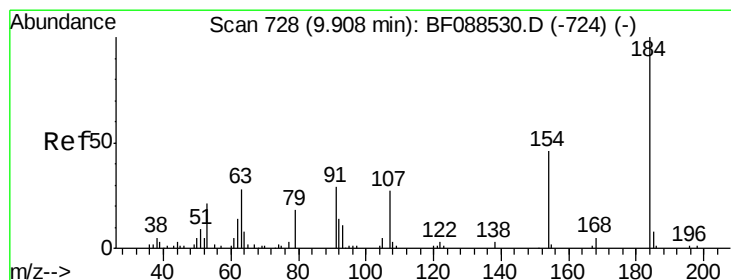
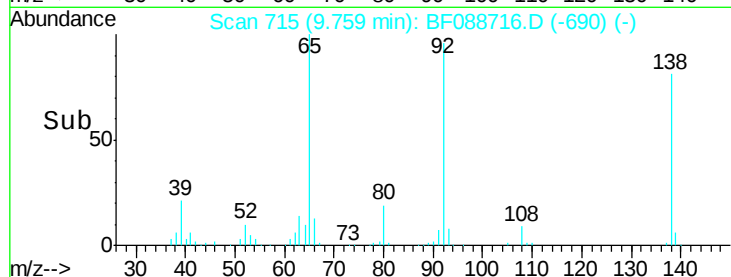
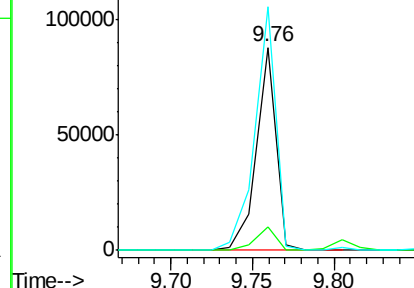
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.5	12.7
92	119.8	95.7	143.5

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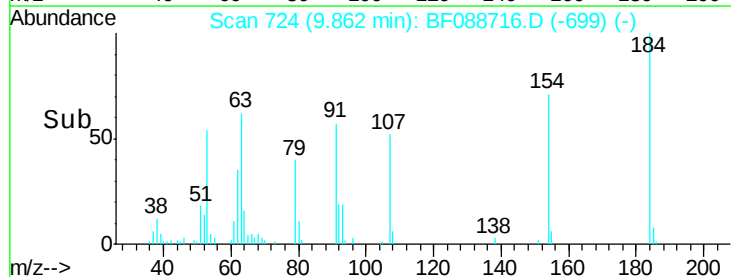
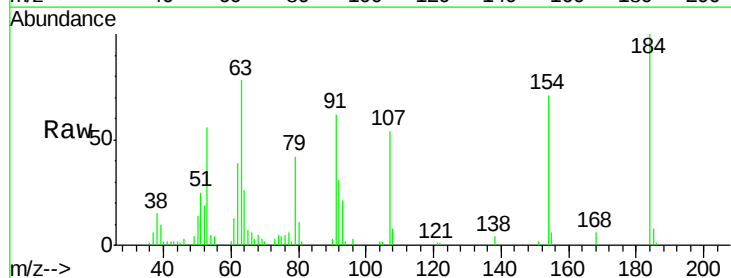
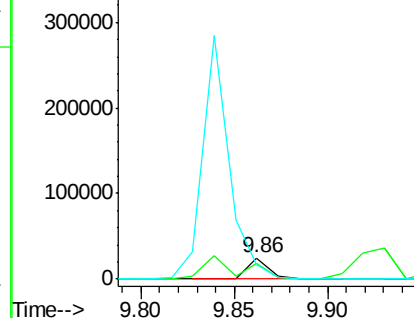
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): E

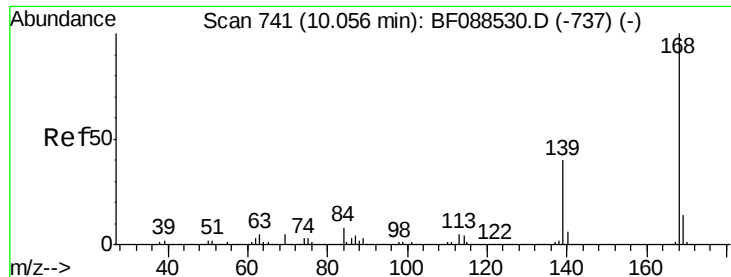


#53
 2,4-Dinitrophenol
 Concen: 14.72 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.5	57.6	86.4
154	70.7	53.5	80.3

Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E





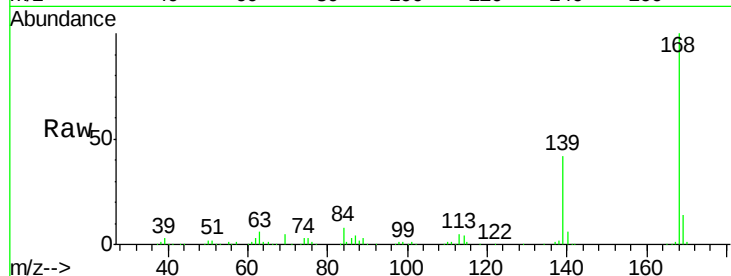
#54
Dibenzenofuran
Concen: 24.58 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

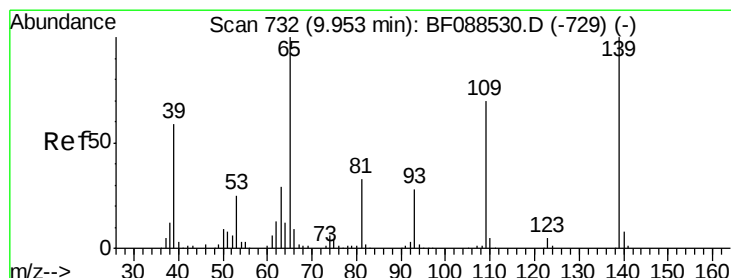
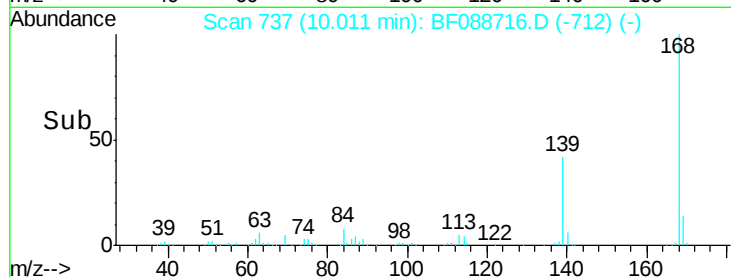
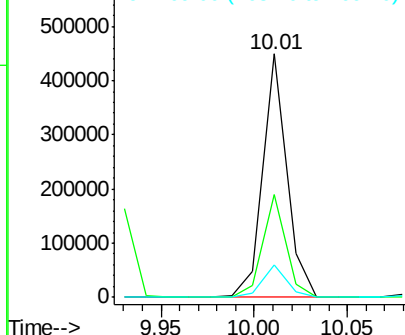
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.0	26.4	39.6#
169	13.6	10.4	15.6

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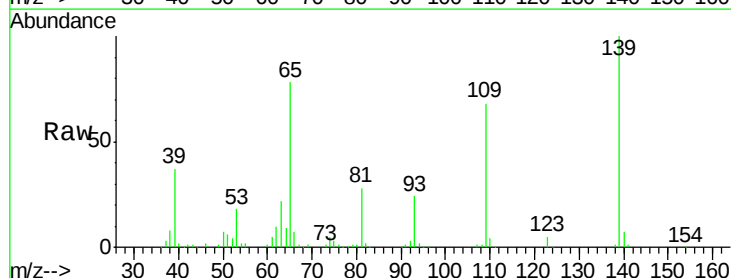


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

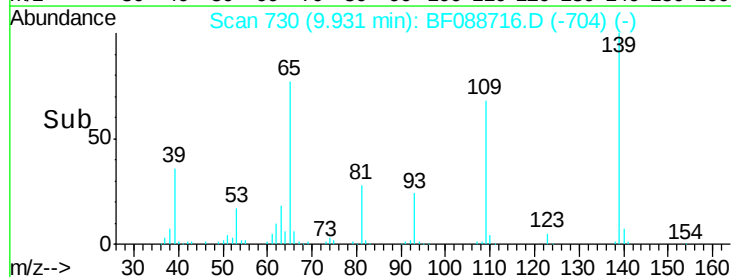
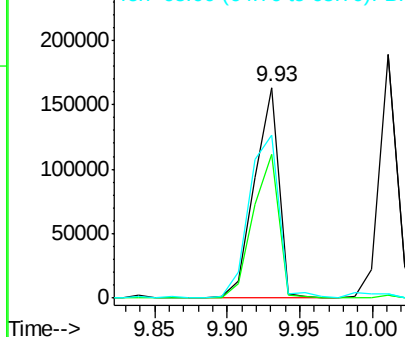


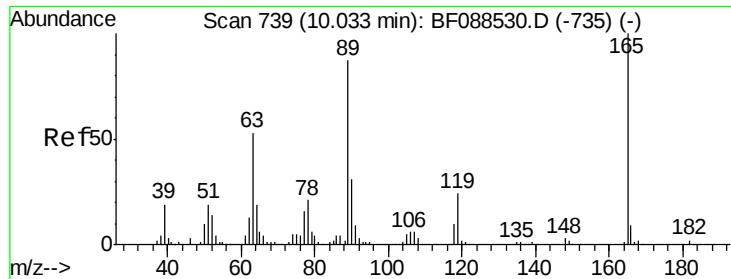
#55
4-Nitrophenol
Concen: 63.67 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.3	48.9	88.9
65	77.7	84.9	124.9#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





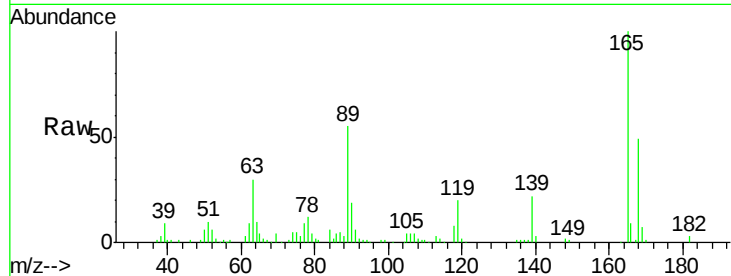
#56
2,4-Dinitrotoluene
Concen: 26.46 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

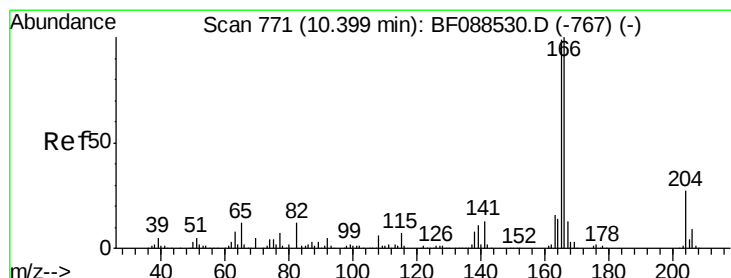
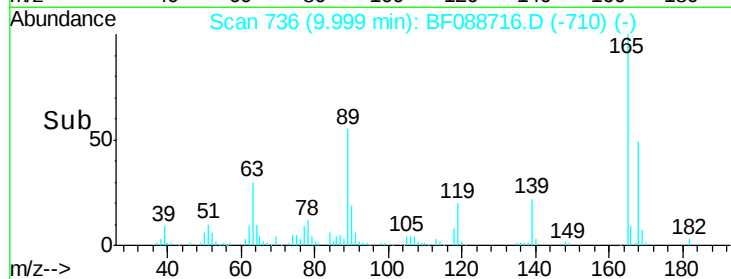
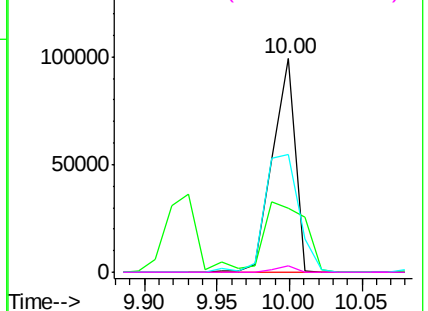
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	30.1	22.0	33.0		
89	55.1	41.1	61.7		
182	2.7	2.0	3.0		

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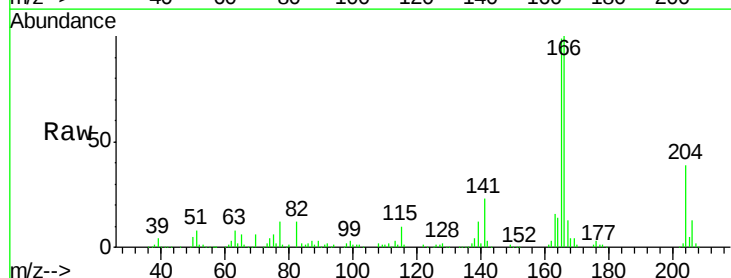


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

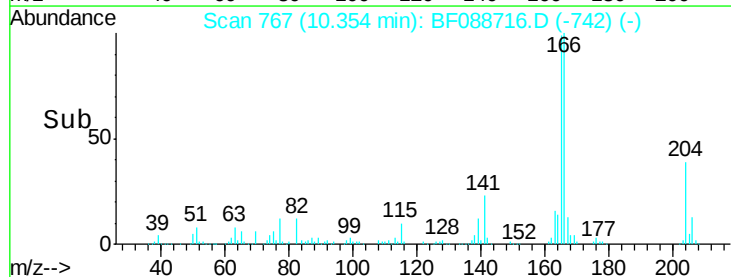
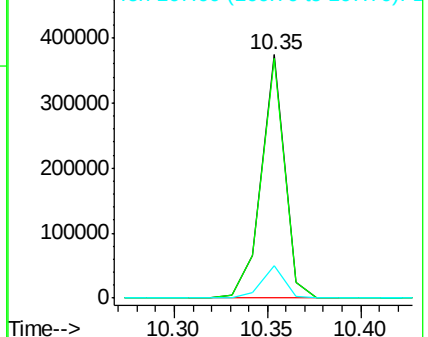


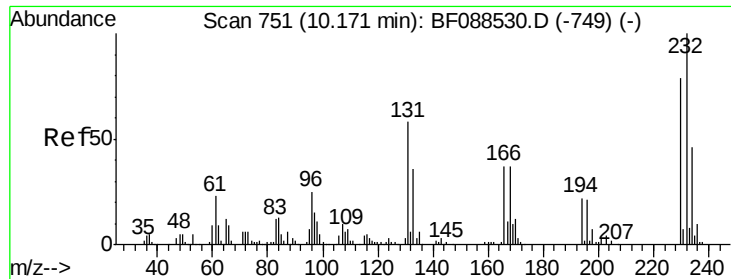
#57
Fluorene
Concen: 25.62 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	98.6	77.8	116.8		
167	13.3	11.2	16.8		



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





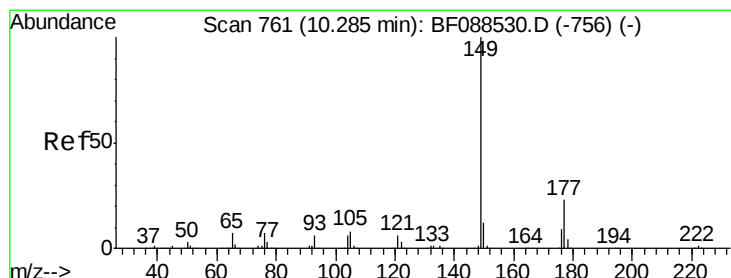
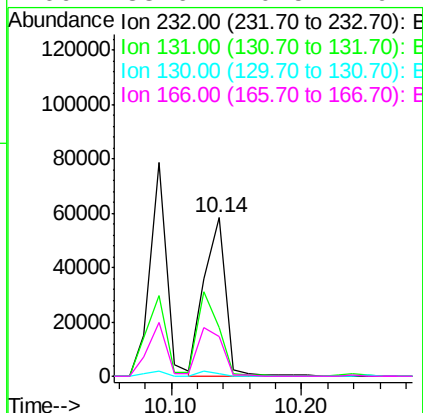
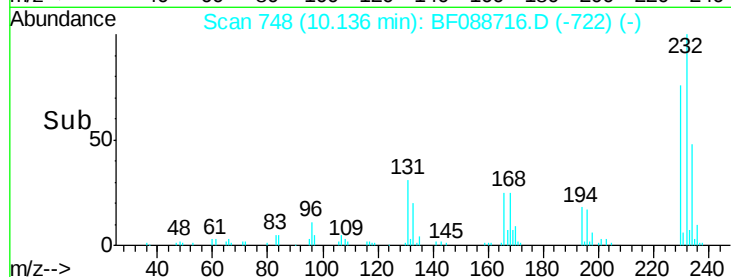
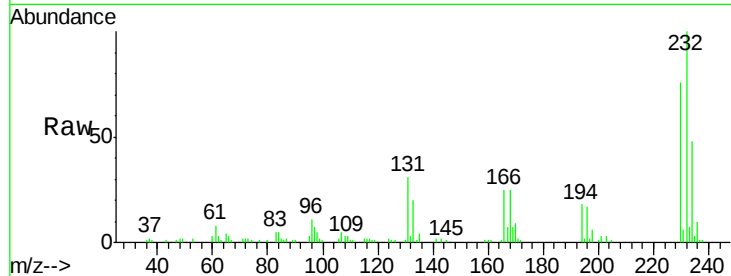
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 23.89 ng
 RT: 10.14 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		68302		
131	52.4	0.9	1.3#		
130	2.6	1.5	2.3#		
166	33.6	0.5	0.7#		

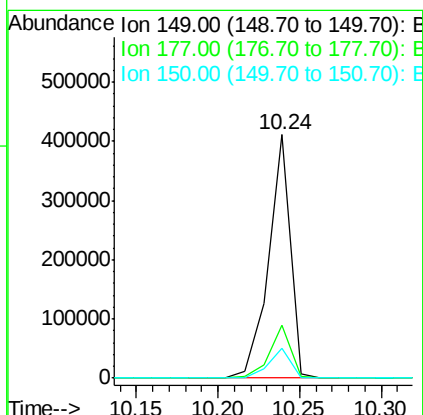
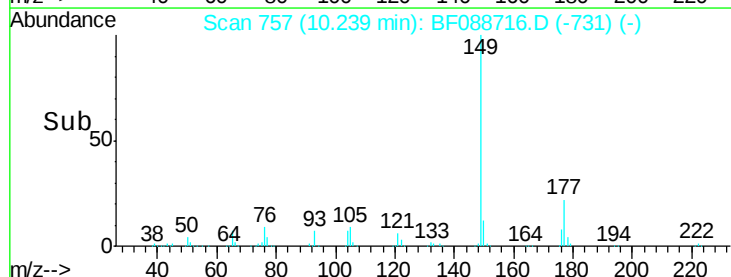
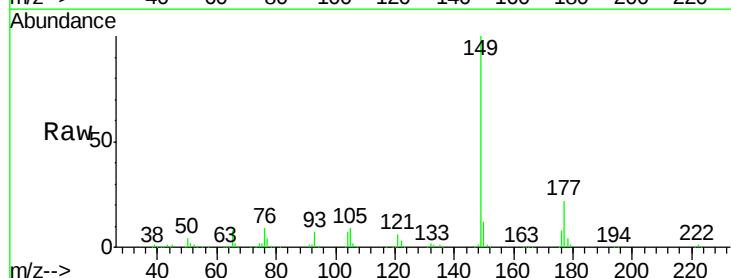
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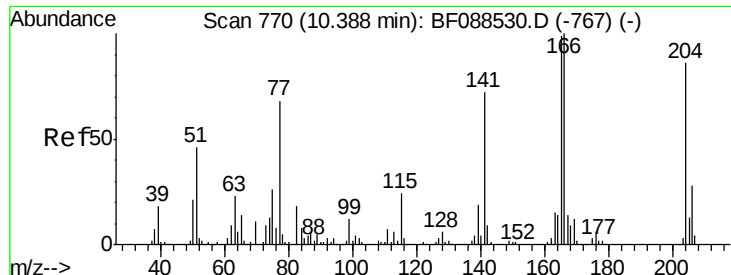
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#59
 Diethylphthalate
 Concen: 27.37 ng
 RT: 10.24 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		383406		
177	21.5	16.9	25.3		
150	12.4	10.1	15.1		





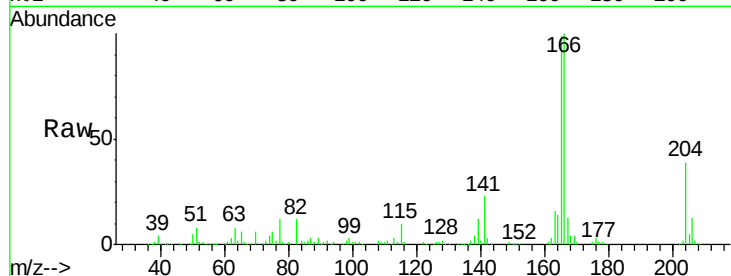
#60
 4-Chlorophenyl-phenylether
 Concen: 25.30 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-6MS

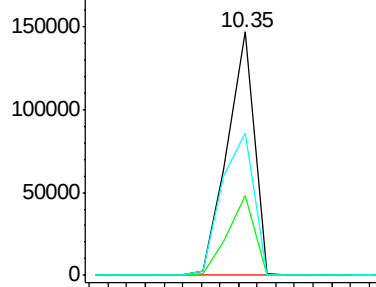
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	58.5	55.0	82.6

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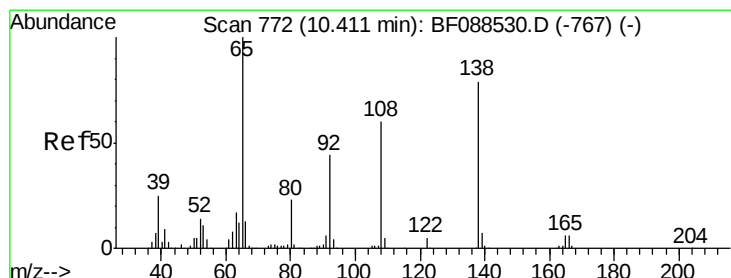
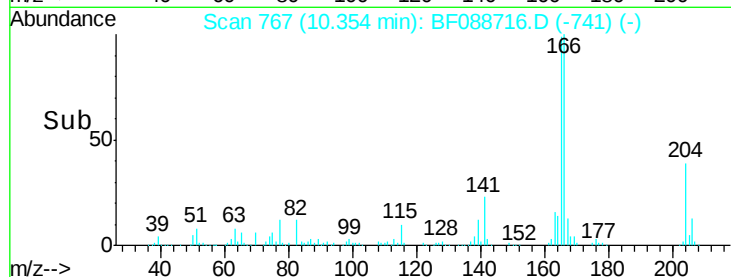
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Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

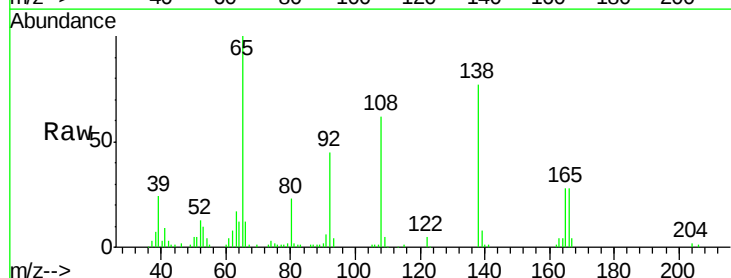


Time-->

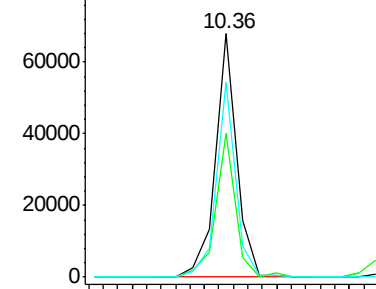


#61
 4-Nitroaniline
 Concen: 18.26 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088716.D
 Acq: 5 Jul 2016 21:39

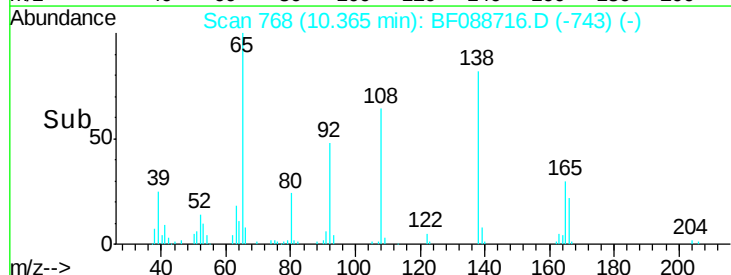
Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.1	27.3	67.3
108	80.1	46.7	86.7

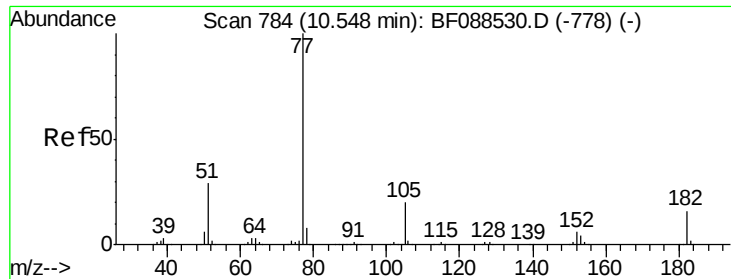


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E



Time-->





#62

Azobenzene

Concen: 25.11 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

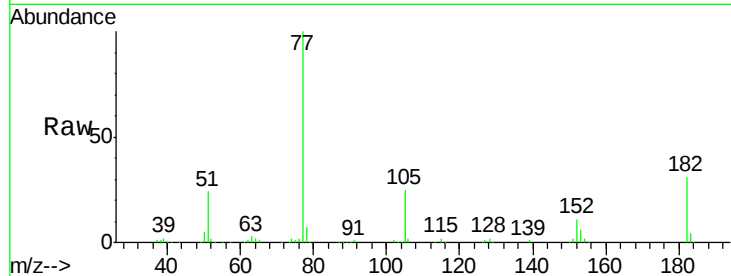
ClientSampleId :

C1.2-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		401122		
182	31.4	4.4	44.4		
105	25.0	3.8	43.8		
51	24.2	9.3	49.3		

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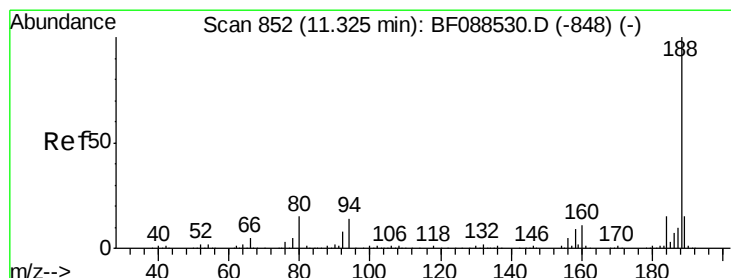
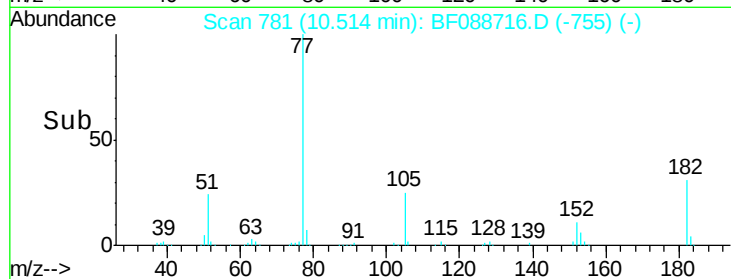
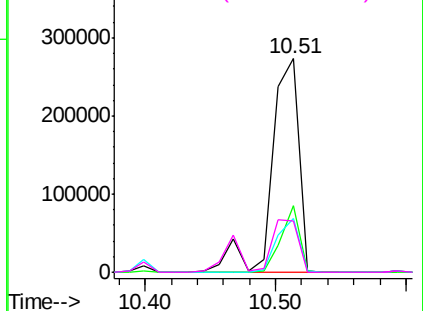


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

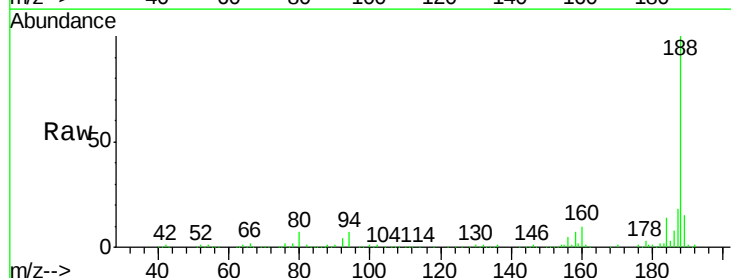
RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

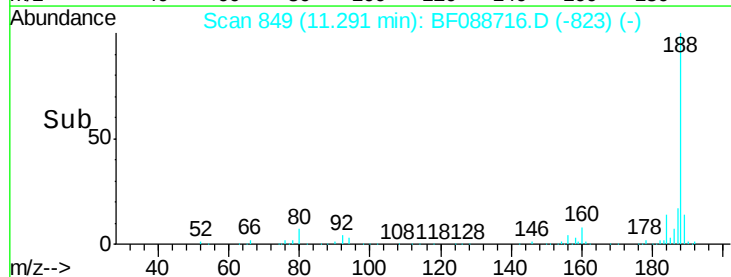
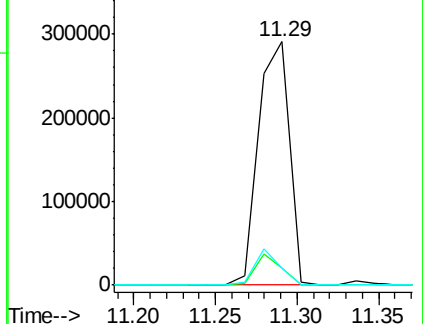
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		384425		
94	7.1	9.0	13.6#		
80	7.2	10.0	15.0#		

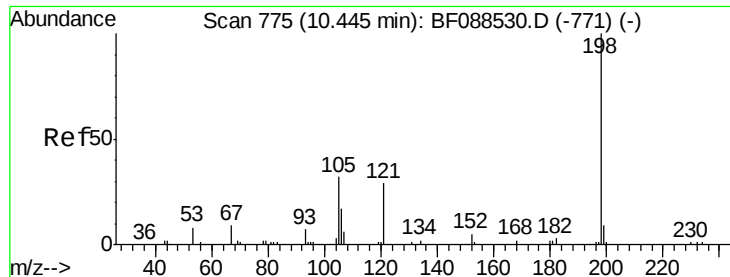


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 10.49 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tot Ion:198 Resp: 21573

Ion Ratio Lower Upper

198 100

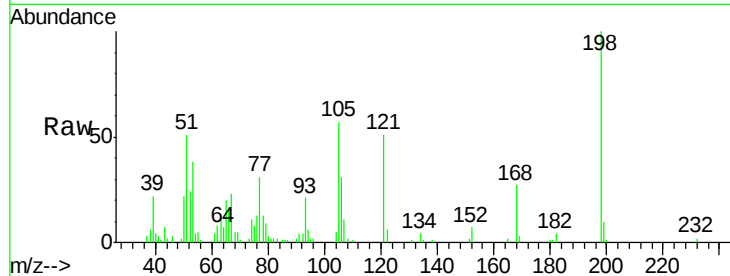
51 50.6 39.6 79.6

105 56.9 36.6 76.6

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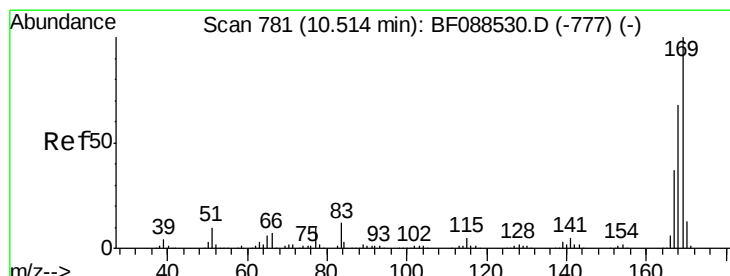
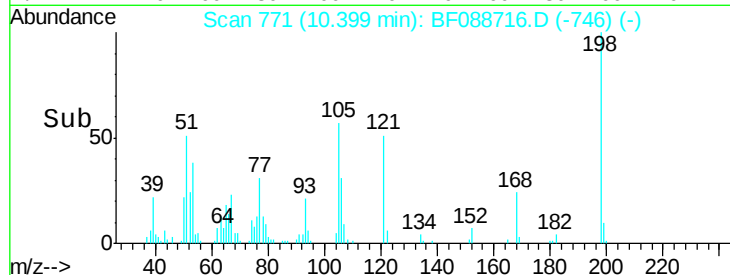
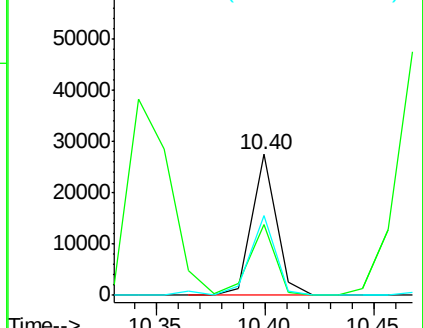
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 21.99 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

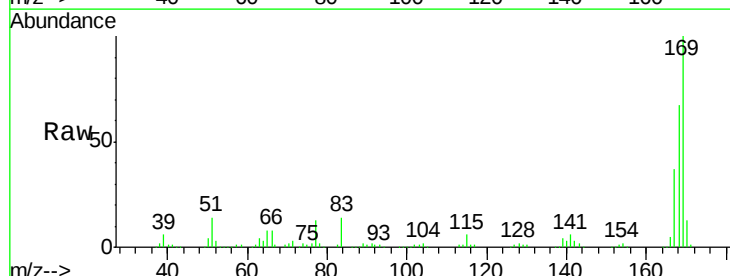
Tgt Ion:169 Resp: 286153

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

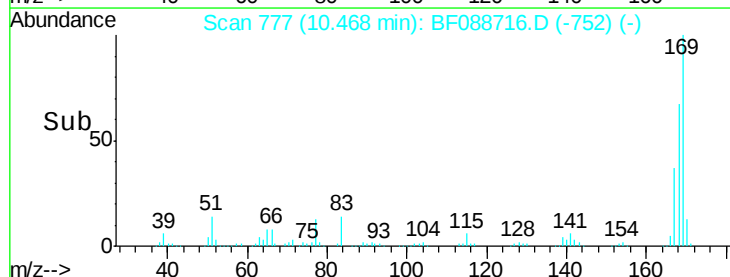
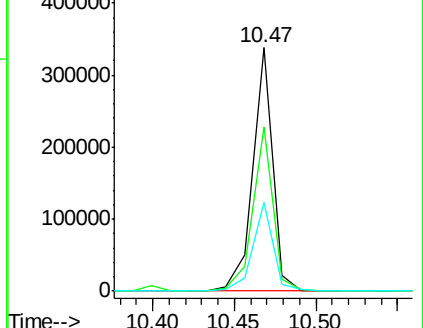
167 36.5 29.4 44.0

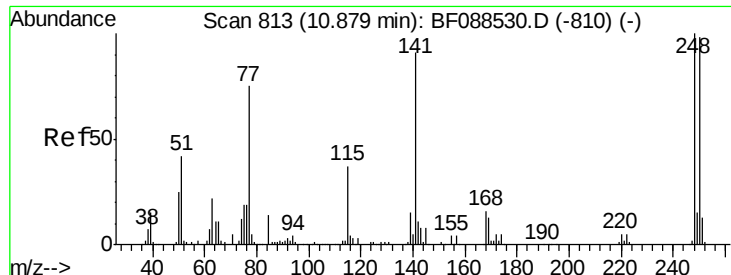


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





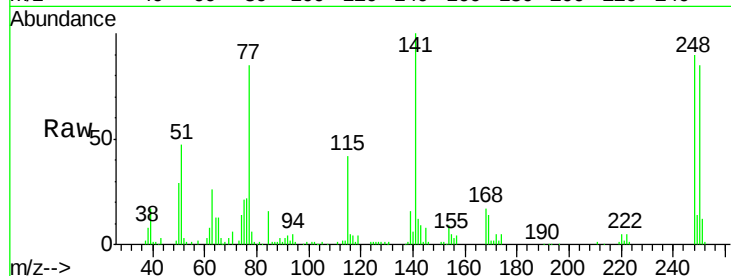
#66
4-Bromophenyl-phenylether
Concen: 21.31 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

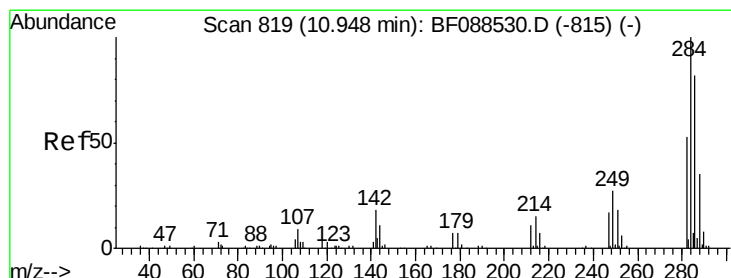
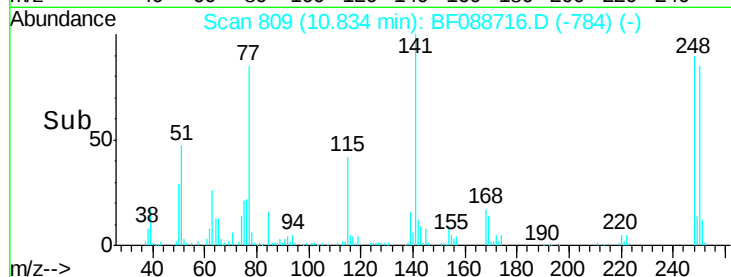
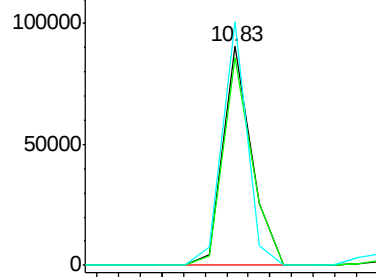
Tot Ion:248 Resp: 82556
Ion Ratio Lower Upper
248 100
250 95.0 77.1 115.7
141 111.3 50.6 76.0#

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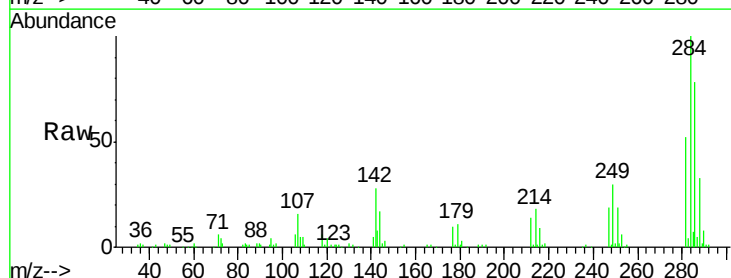


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

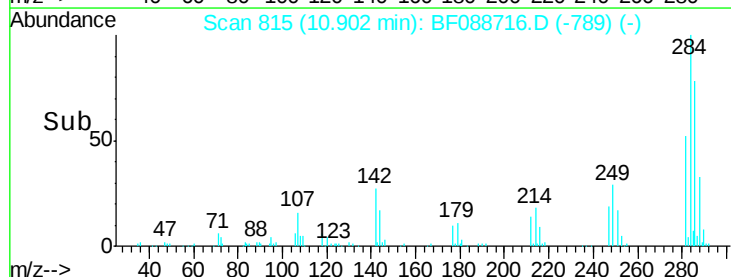
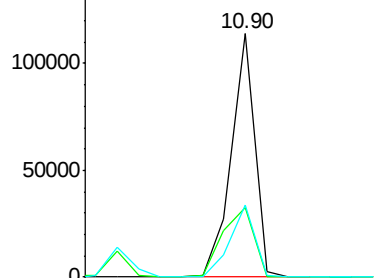


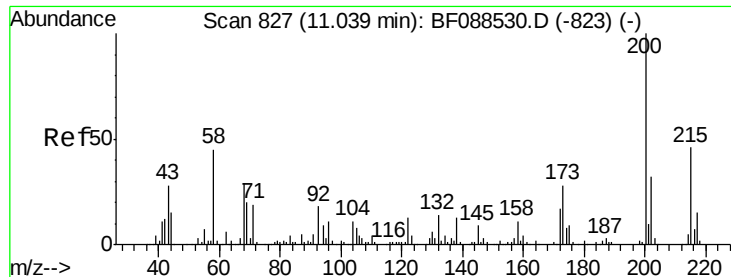
#67
Hexachlorobenzene
Concen: 23.20 ng
RT: 10.90 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion:284 Resp: 99489
Ion Ratio Lower Upper
284 100
142 28.3 35.8 53.8#
249 29.8 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 19.91 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

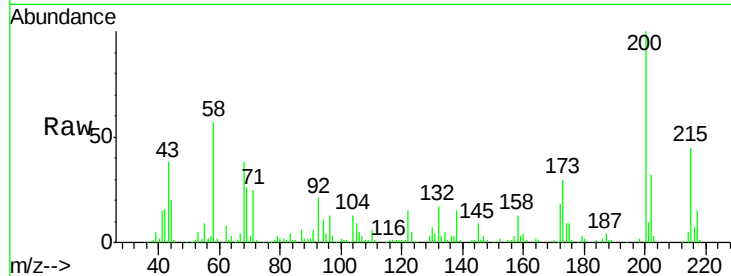
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.7	4.0	44.0
215	44.9	29.3	69.3

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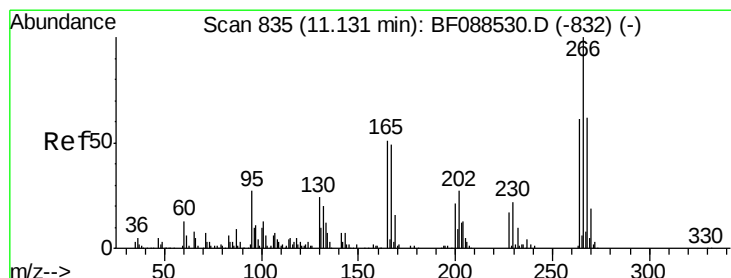
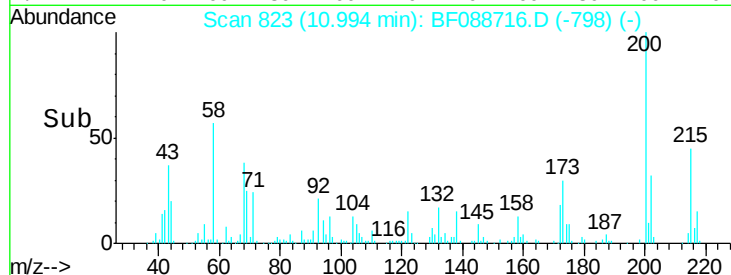
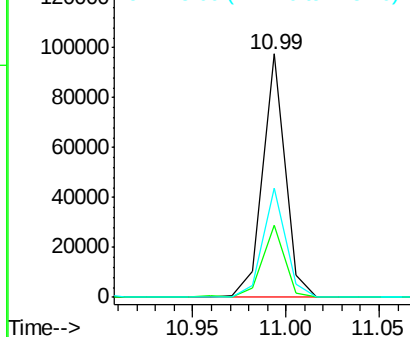


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 37.28 ng

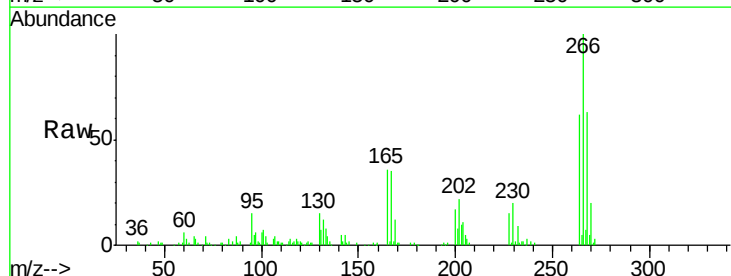
RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	52.8	79.2
264	61.7	49.6	74.4

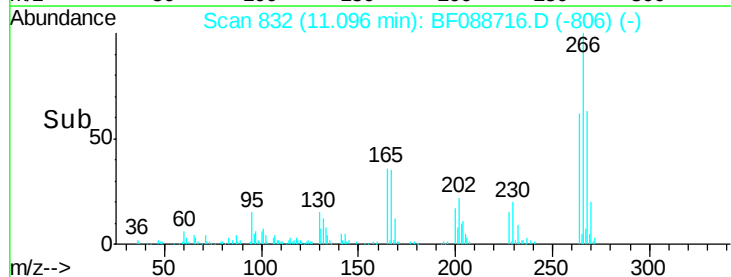
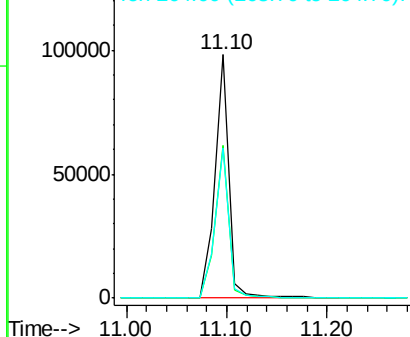


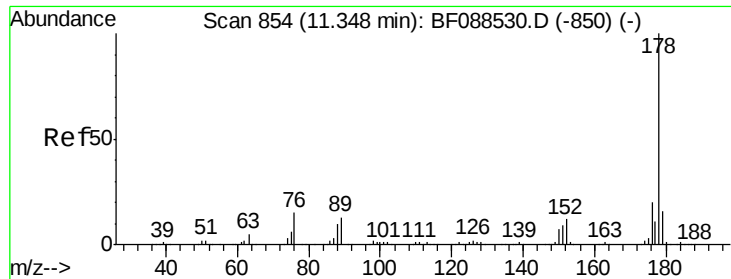
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





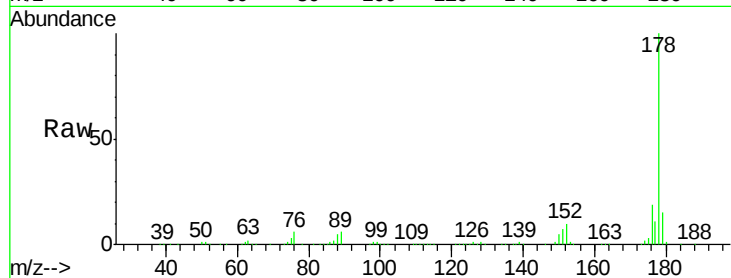
#70
Phenanthrene
Concen: 23.20 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

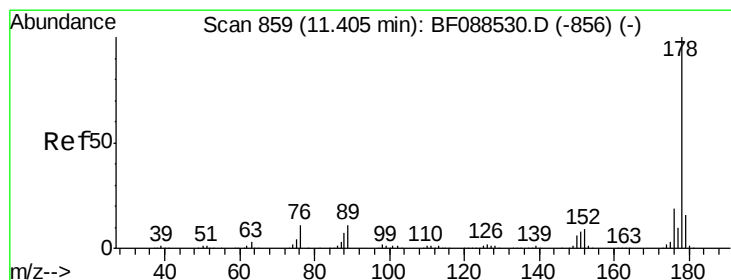
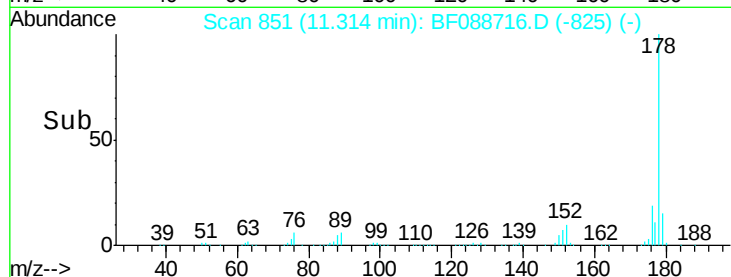
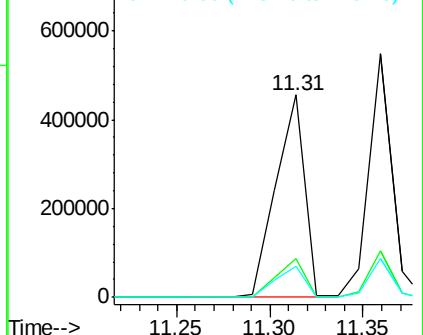
Tot Ion:178 Resp: 487469
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.3 13.0 19.4

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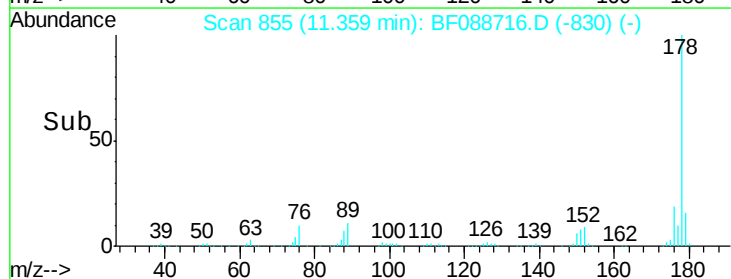
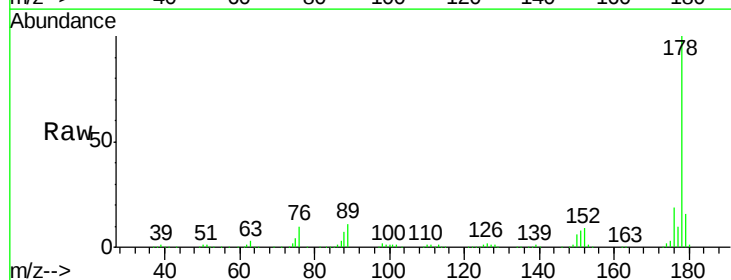
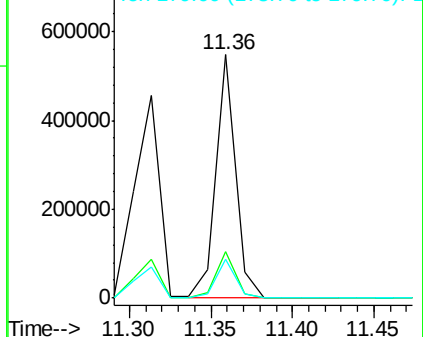
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

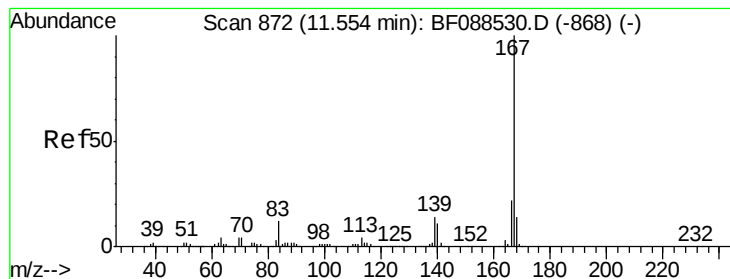


#71
Anthracene
Concen: 22.10 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion:178 Resp: 461745
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.7 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 21.69 ng

RT: 11.52 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

ClientSampleId :

C1.2-6MS

Tot Ion:167 Resp: 426531

Ion Ratio Lower Upper

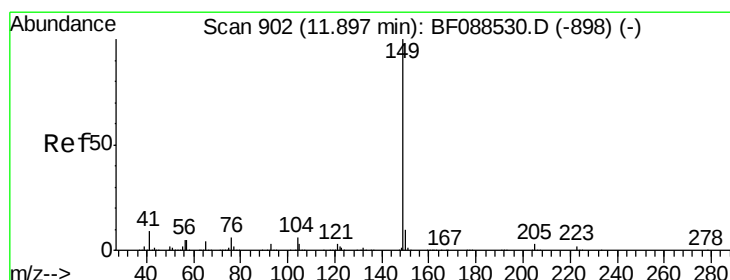
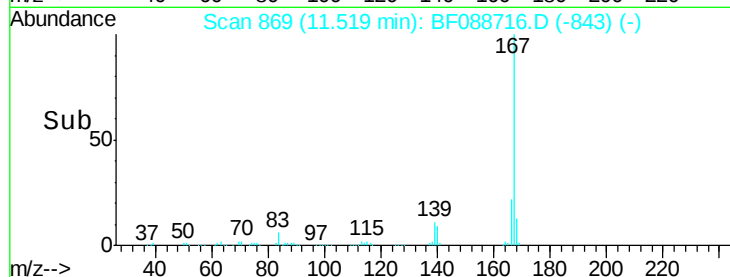
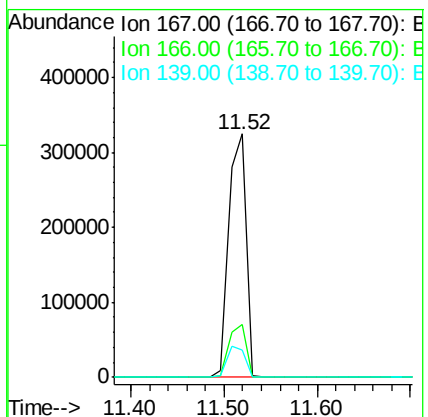
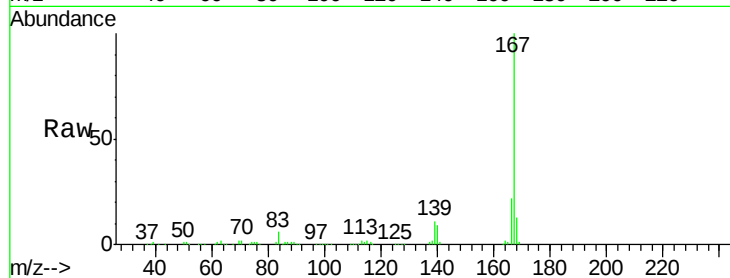
167 100

166 21.5 17.8 26.6

139 11.3 11.2 16.8

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#73

Di-n-butylphthalate

Concen: 22.32 ng

RT: 11.85 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

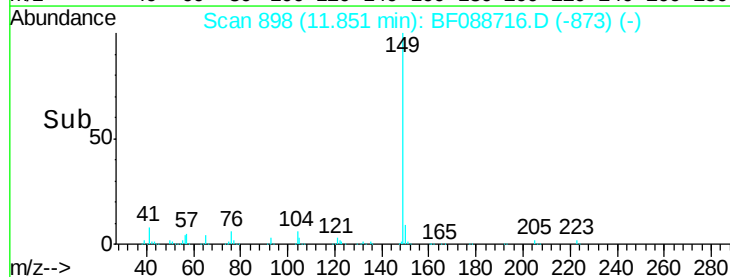
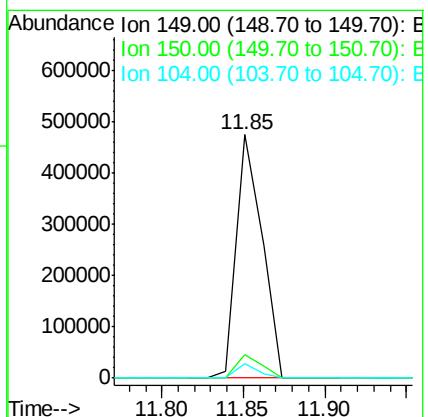
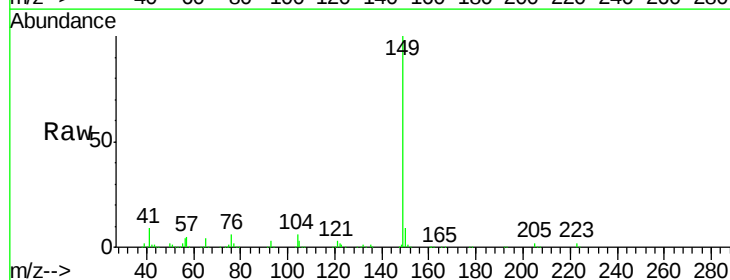
Tgt Ion:149 Resp: 510697

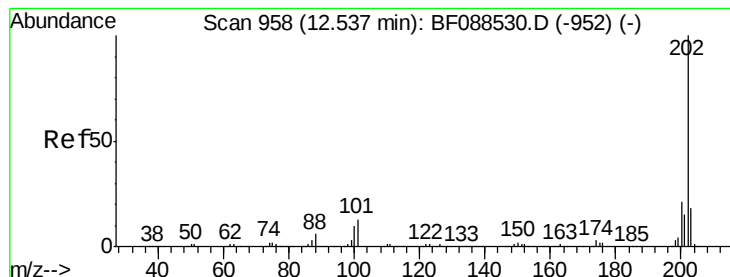
Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

104 5.8 4.0 6.0





#74

Fluoranthene

Concen: 22.98 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

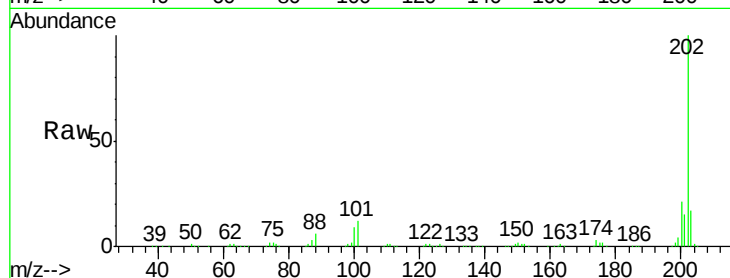
ClientSampleId :

C1.2-6MS

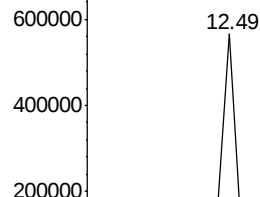
Tot Ion:	202	Resp:	489639
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	33.1
203	17.3	0.0	38.1

Manual Integrations
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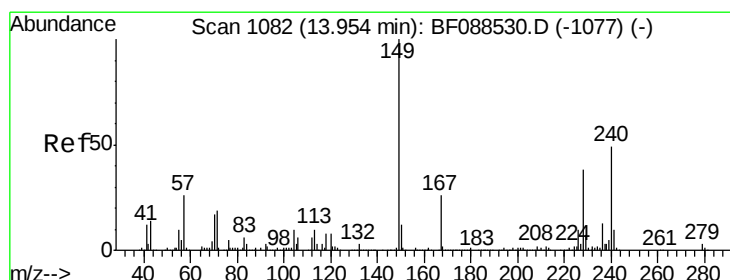
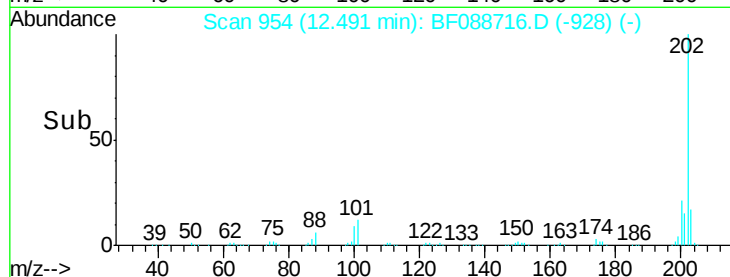
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

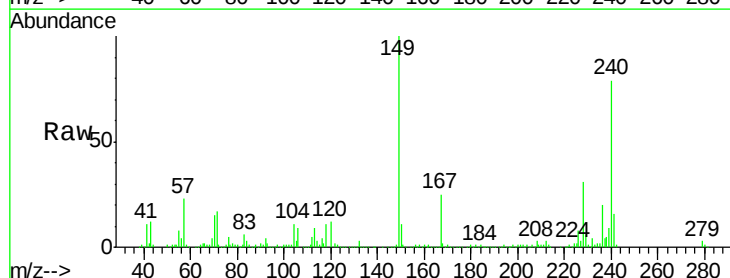
RT: 13.91 min Scan# 1078

Delta R.T. -0.01 min

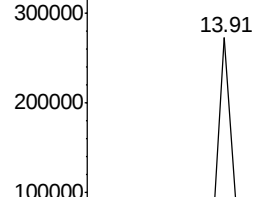
Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

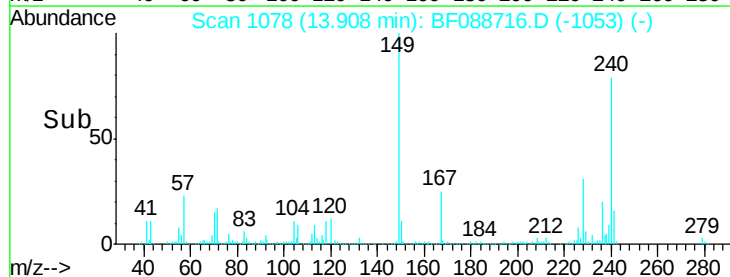
Tgt Ion:	240	Resp:	257256
Ion Ratio	Lower	Upper	
240	100		
120	14.8	6.8	10.2#
236	25.8	20.2	30.2

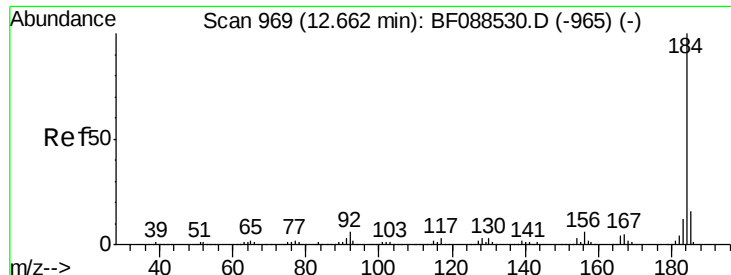


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





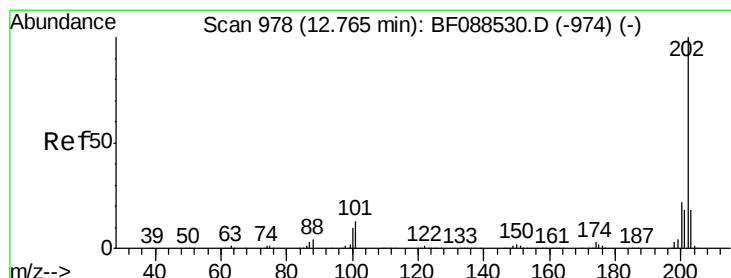
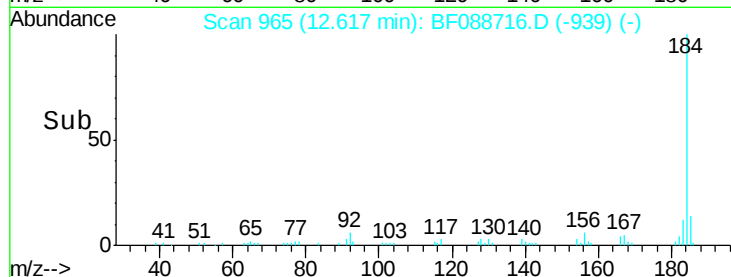
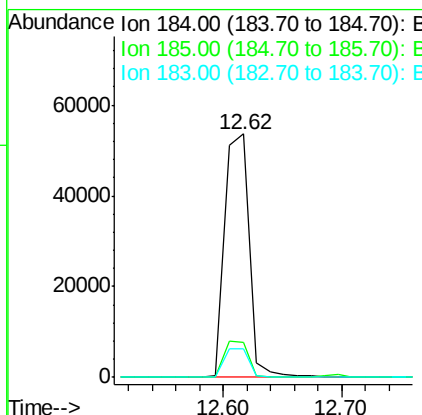
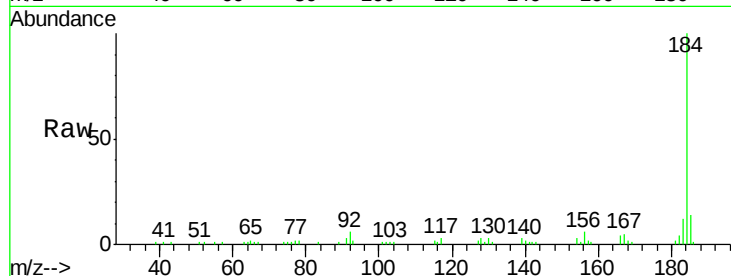
#76
Benzidine
Concen: 5.86 ng
RT: 12.62 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.5	18.7
183	12.0	9.3	13.9

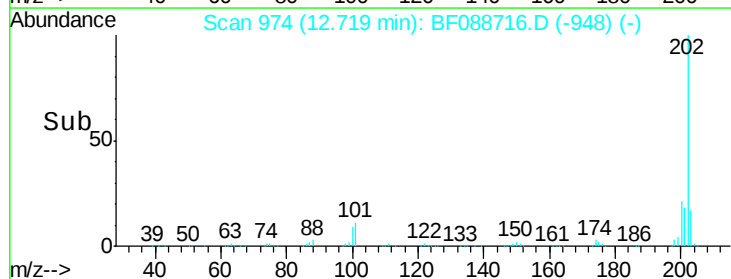
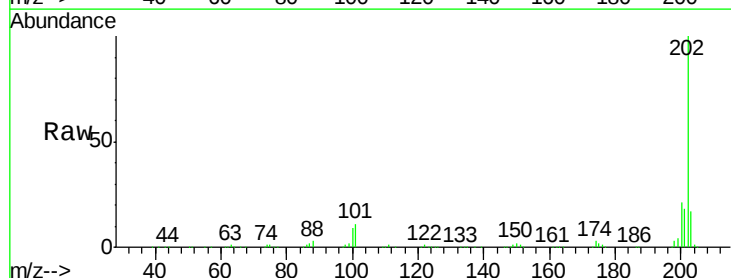
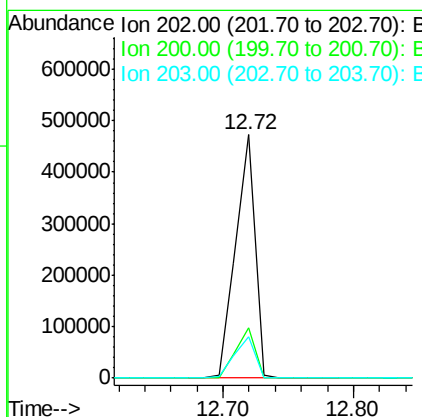
Manual Integrations
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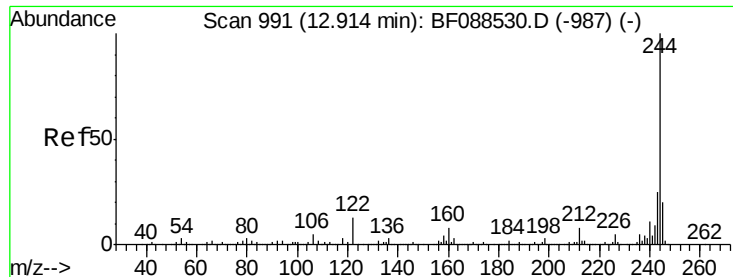
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#77
Pyrene
Concen: 22.26 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.1	14.5	21.7





#78

Terphenyl-d14

Concen: 75.21 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

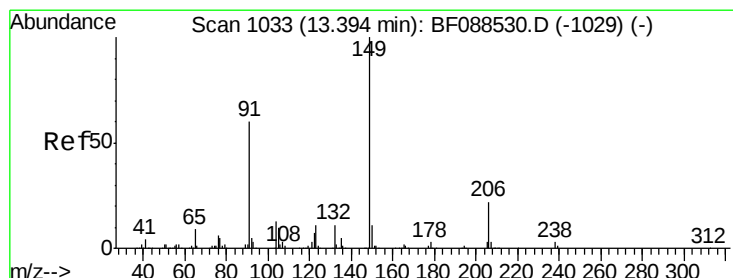
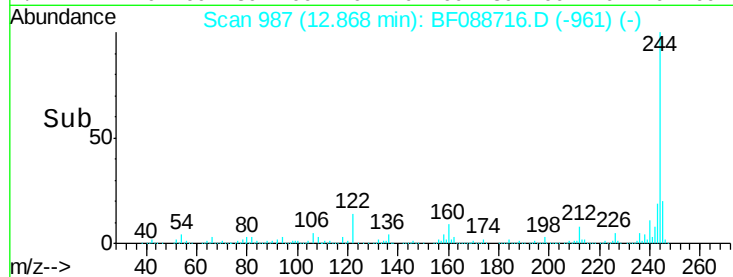
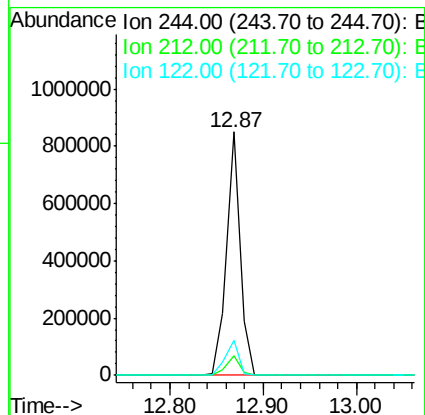
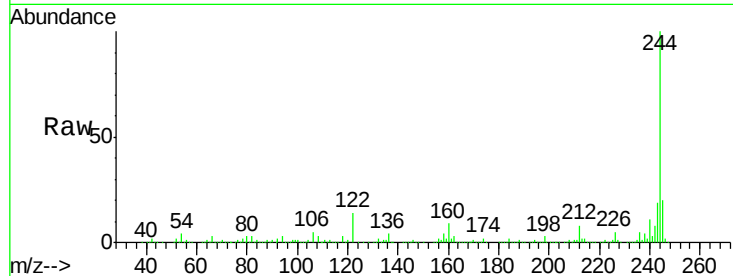
ClientSampled :

C1.2-6MS

Tot Ion:	244	Resp:	868681
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.0	9.0
122	14.2	11.2	16.8

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 22.15 ng

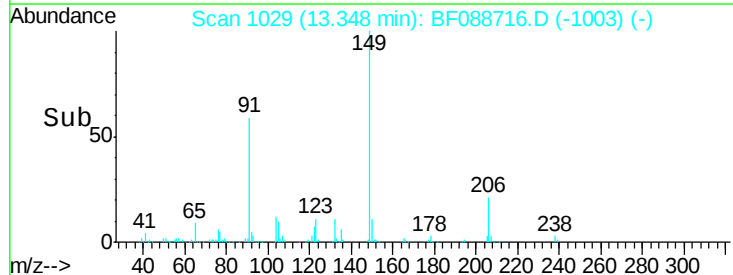
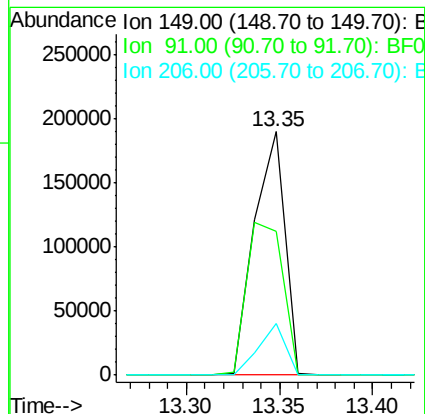
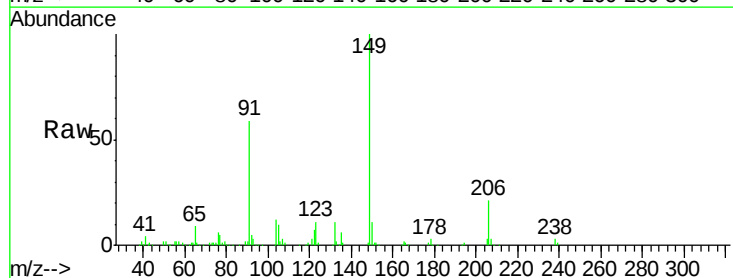
RT: 13.35 min Scan# 1029

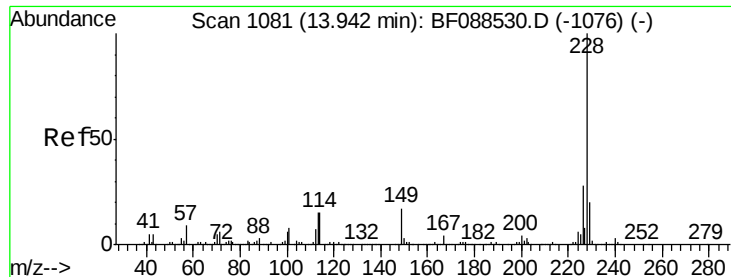
Delta R.T. 0.00 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Tgt Ion:	149	Resp:	215505
Ion Ratio	Lower	Upper	
149	100		
91	58.9	48.0	72.0
206	21.4	16.0	24.0





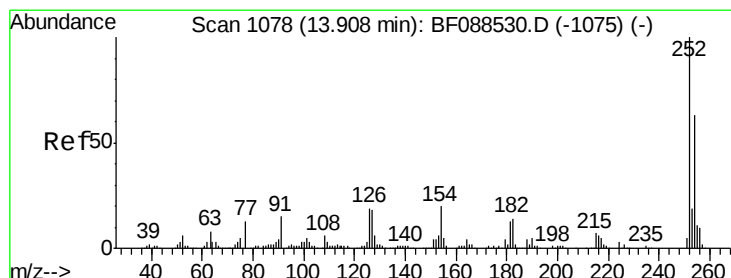
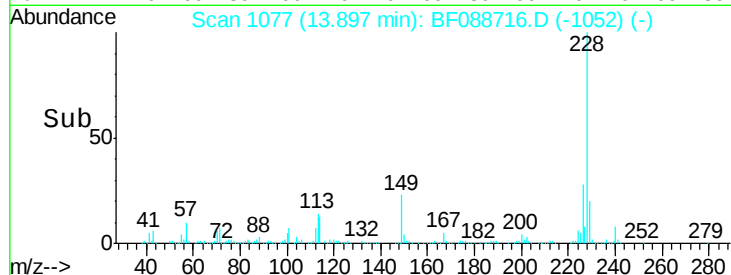
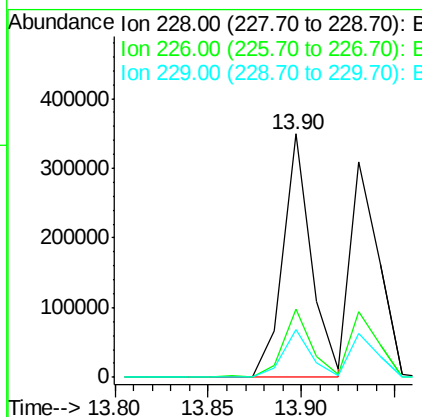
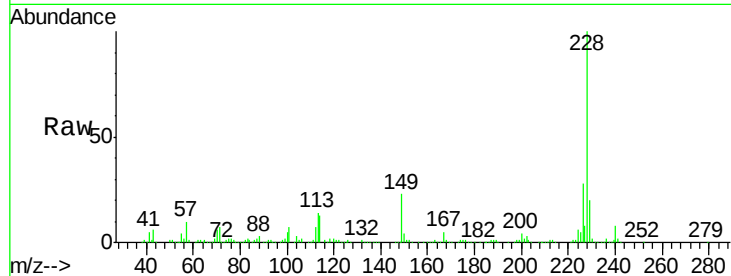
#80
Benzo(a)anthracene
Concen: 22.27 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.8	16.0	24.0

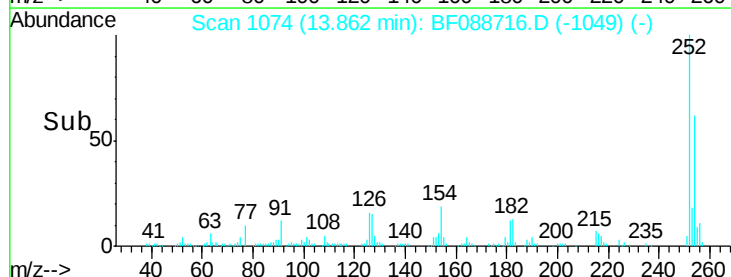
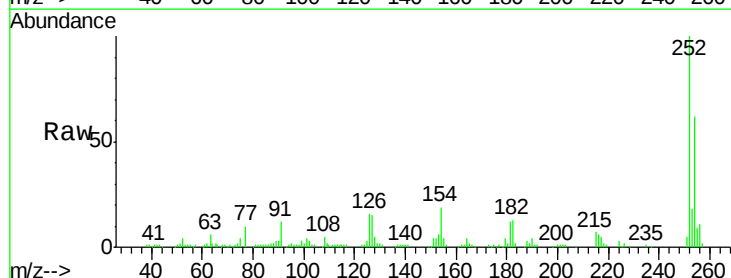
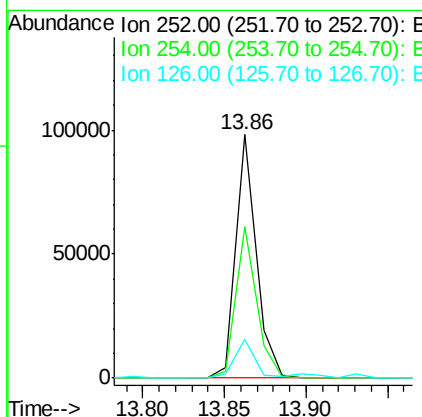
Manual Integrations
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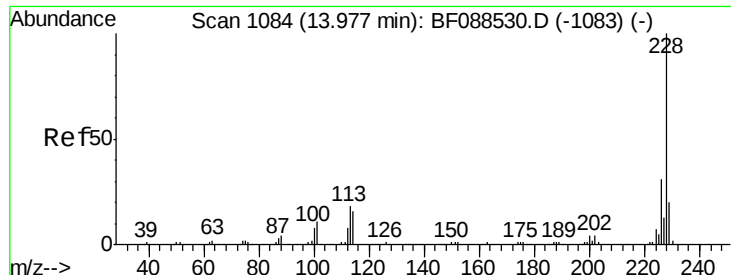
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#81
3,3'-Dichlorobenzidine
Concen: 13.56 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	52.6	78.8
126	15.8	6.2	9.2#





#82

Chrysene

Concen: 20.12 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088716.D

Acq: 5 Jul 2016 21:39

Instrument :

BNA_F

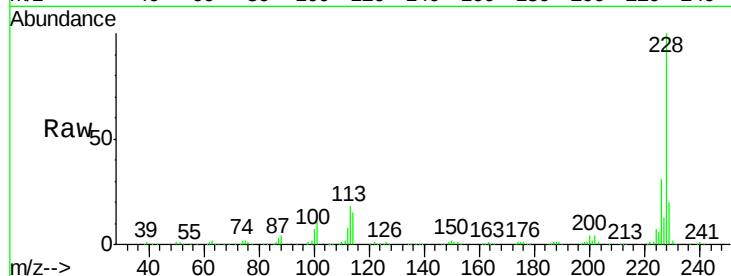
ClientSampleId :

C1.2-6MS

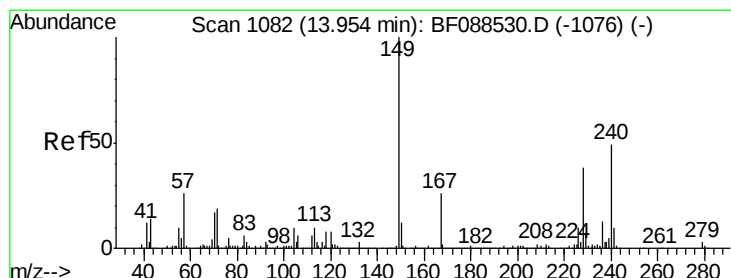
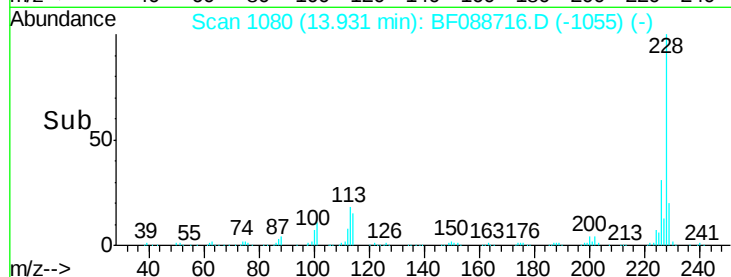
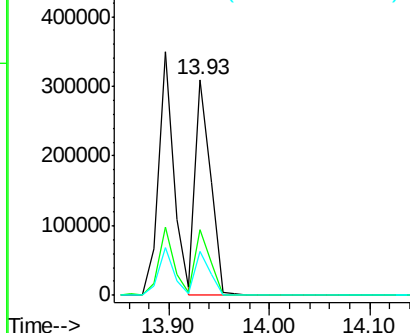
Tot Ion:	228	Resp:	329757
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.4	38.2
229	20.2	16.3	24.5

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 27.41 ng

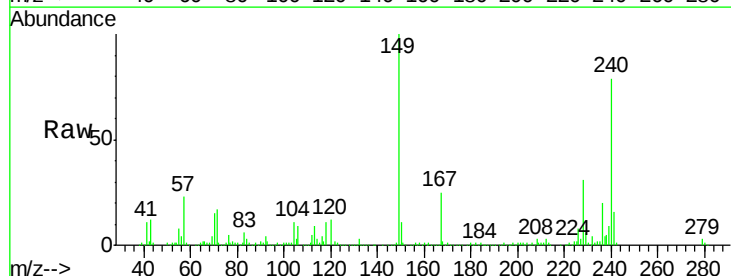
RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

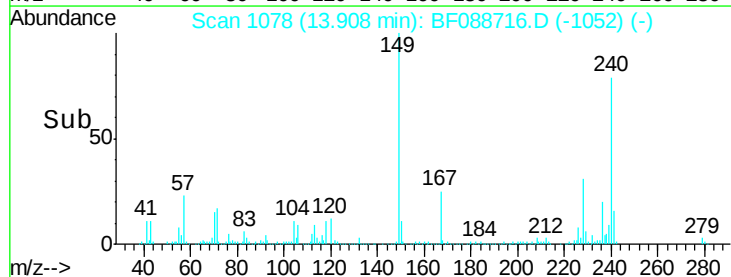
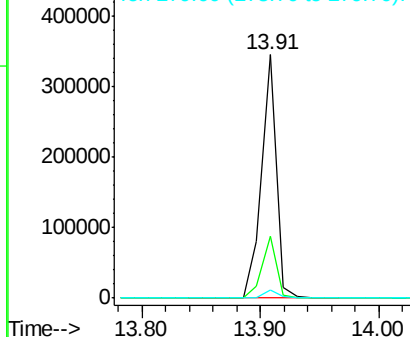
Lab File: BF088716.D

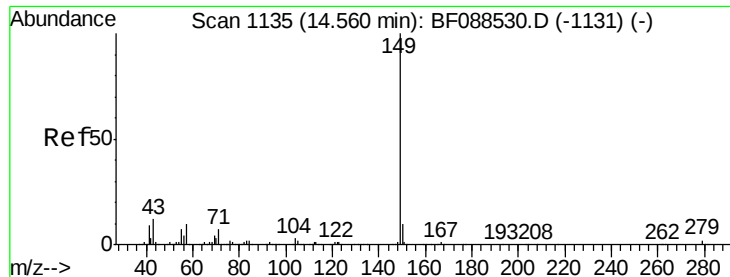
Acq: 5 Jul 2016 21:39

Tgt Ion:	149	Resp:	304487
Ion Ratio	Lower	Upper	
149	100		
167	25.3	20.5	30.7
279	3.1	2.0	3.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





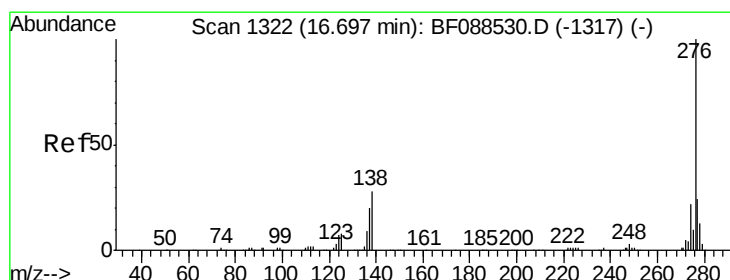
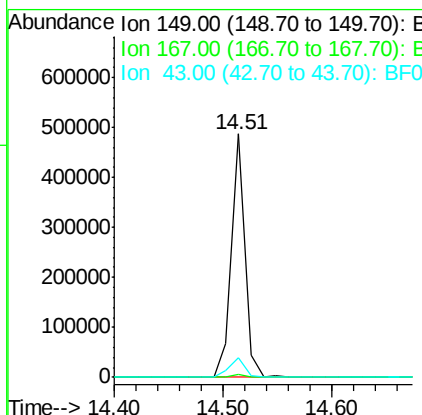
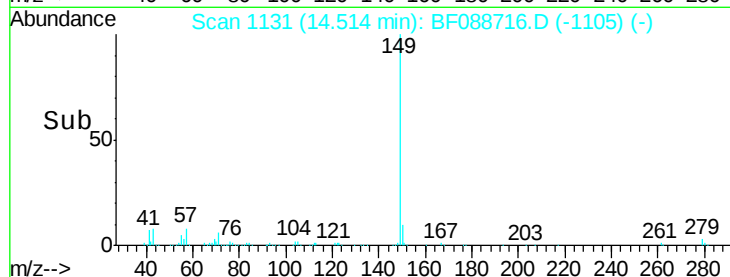
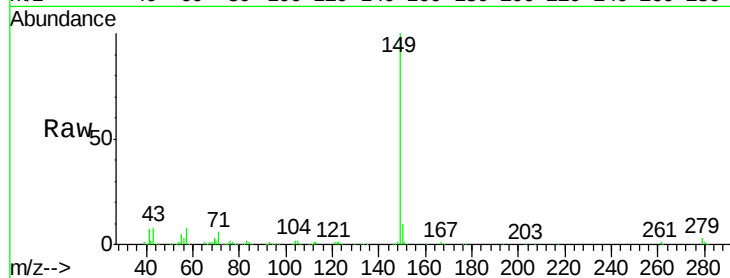
#84
Di-n-octyl phthalate
Concen: 22.10 ng
RT: 14.51 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	9.1	0.0	0.0#

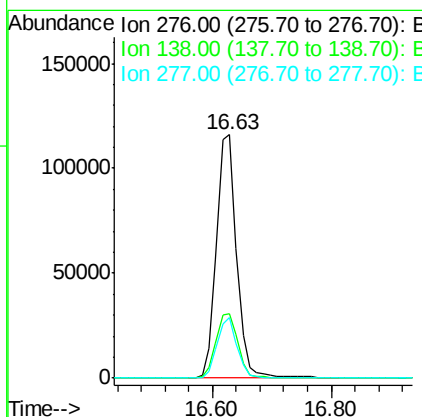
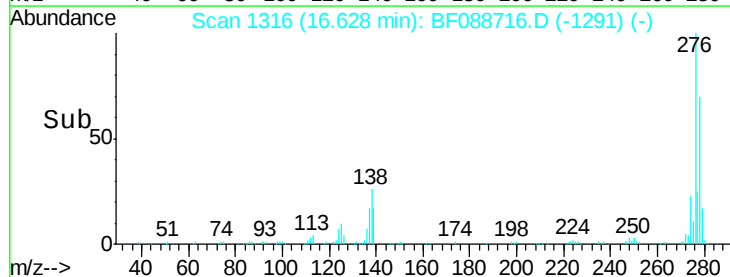
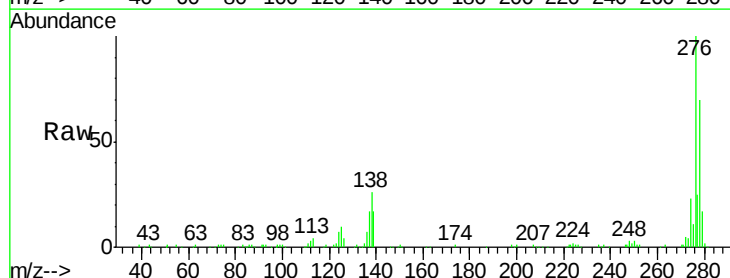
Manual Integrations
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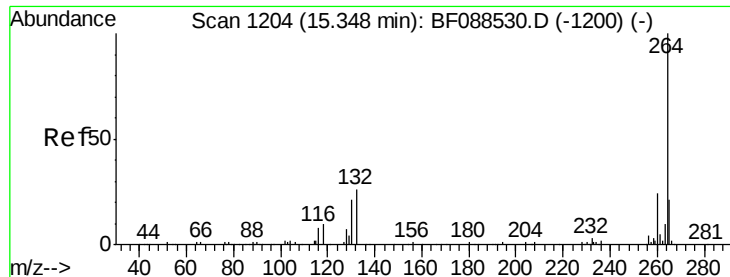
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#85
Indeno(1,2,3-cd)pyrene
Concen: 21.78 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	28.6	0.0	0.0#
277	24.6	0.0	0.0#





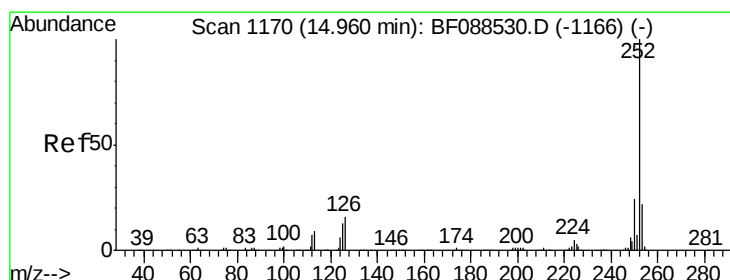
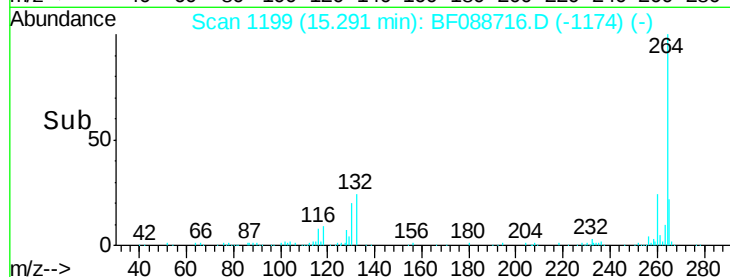
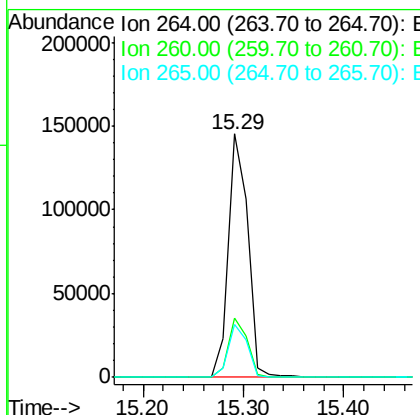
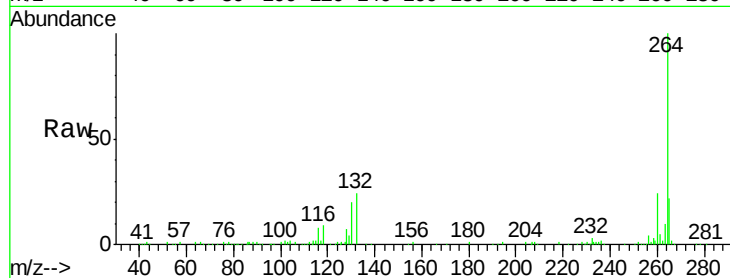
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	16.9	25.3

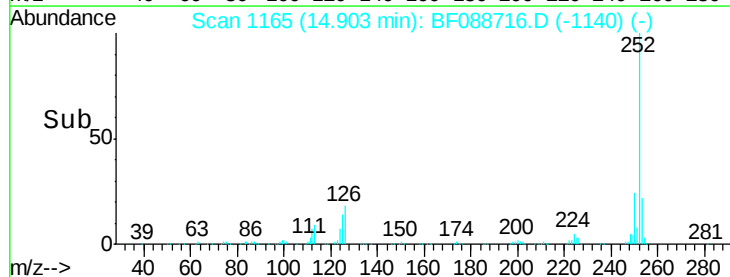
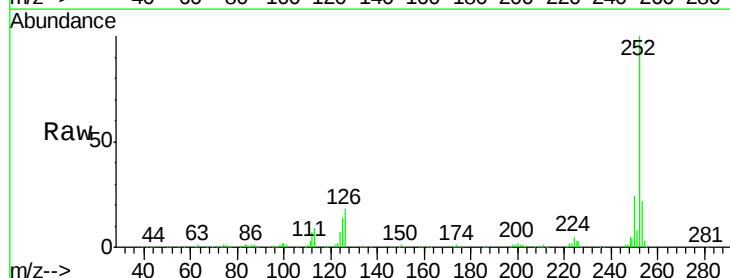
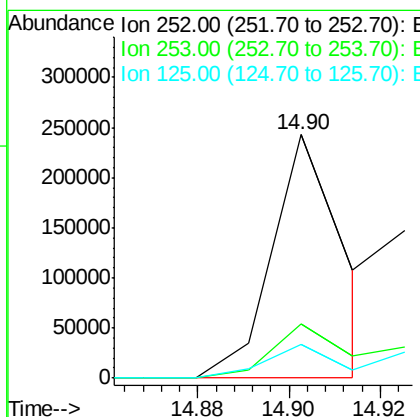
Manual Integrations
APPROVED

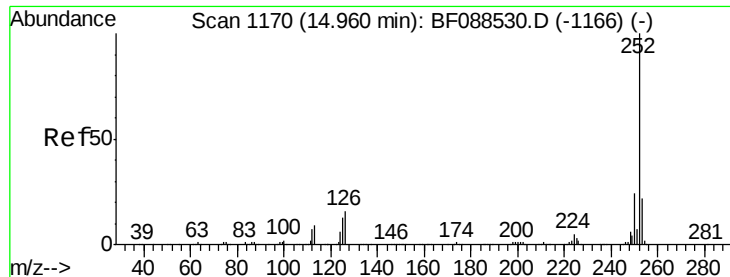
sohil
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#87
Benzo(b)fluoranthene
Concen: 21.63 ng m
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	13.7	7.1	10.7#





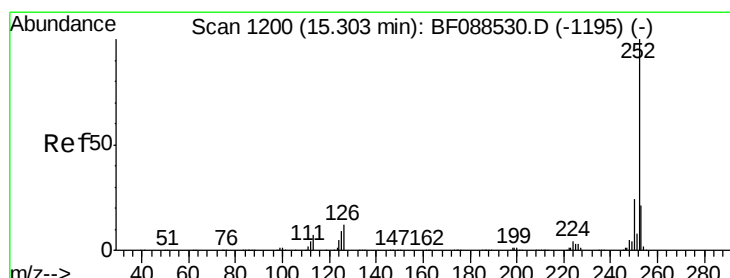
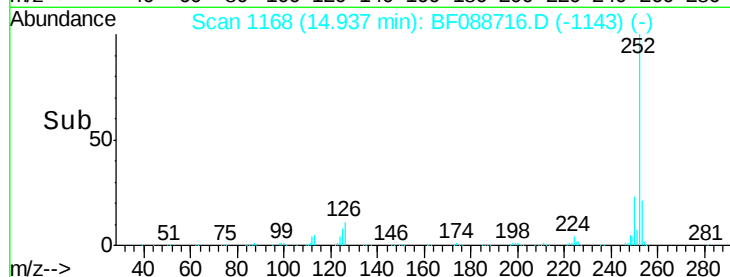
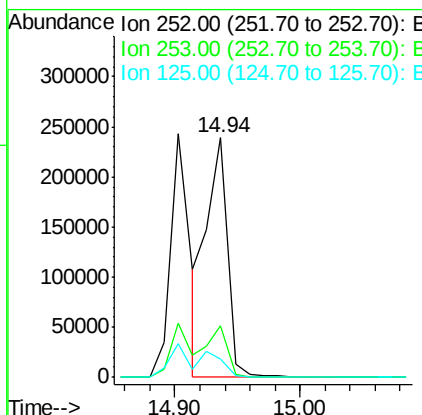
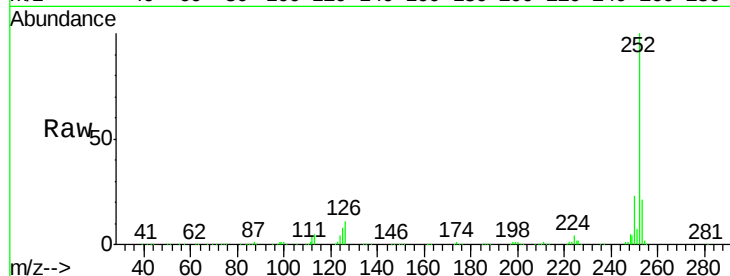
#88
Benzo(k)fluoranthene
Concen: 26.29 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	7.8	11.2	16.8

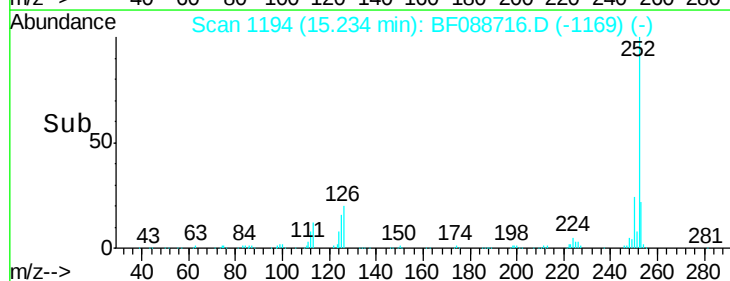
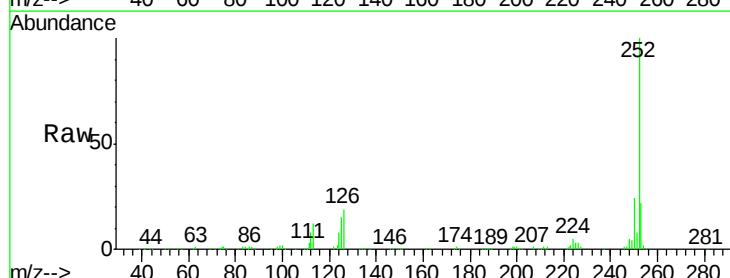
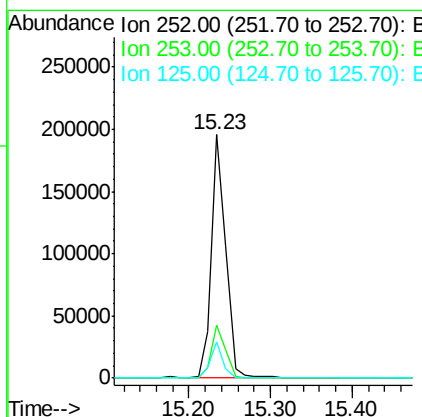
Manual Integrations
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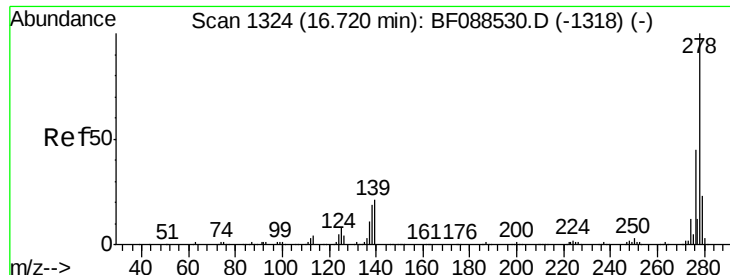
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#89
Benzo(a)pyrene
Concen: 23.61 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	15.1	12.5	18.7





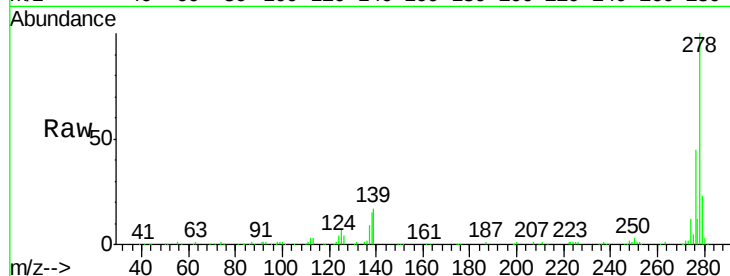
#90
Dibenzo(a,h)anthracene
Concen: 26.38 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Instrument :
BNA_F
ClientSampleId :
C1.2-6MS

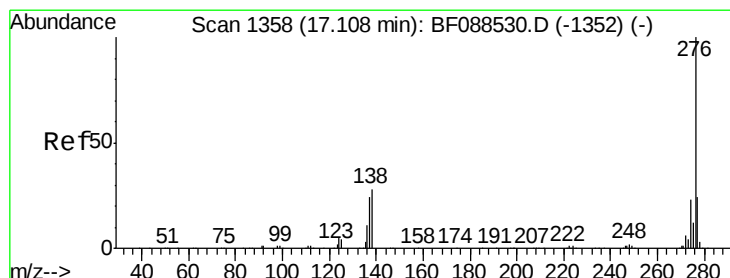
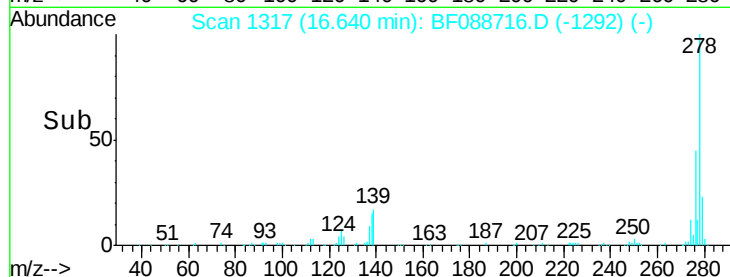
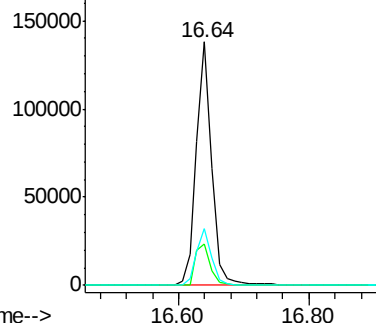
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.7	23.5
279	23.4	19.4	29.2

Manual Integrations
APPROVED

sohil
7/6/2016 7:19:28 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 26.13 ng
RT: 17.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF088716.D
Acq: 5 Jul 2016 21:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	26.0	21.4	32.2

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

